

OPERATOR: **Extraction Oil & Gas**

WELL NAME: **Mickey 8**

FIELD NAME: DJ Basin - Wattenberg

DRILLING RIG: Patterson 346

API #: 05-123-43856

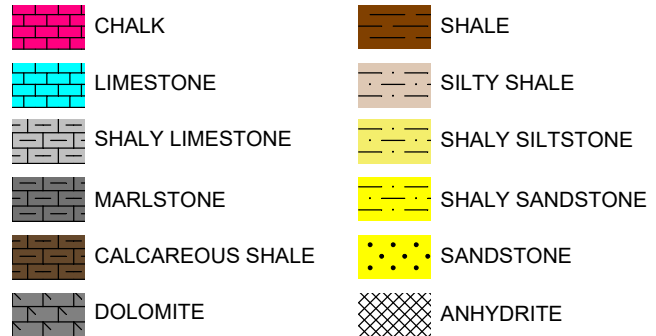
LAT/LONG: 40.516395, -104.914579
SURFACE HOLE: SWNE S5-T6N-R67W, 2421' FNL, 1873' FEL
BOTTOM HOLE: S3-T6N-R67W, 1441' FNL, 2624' FEL



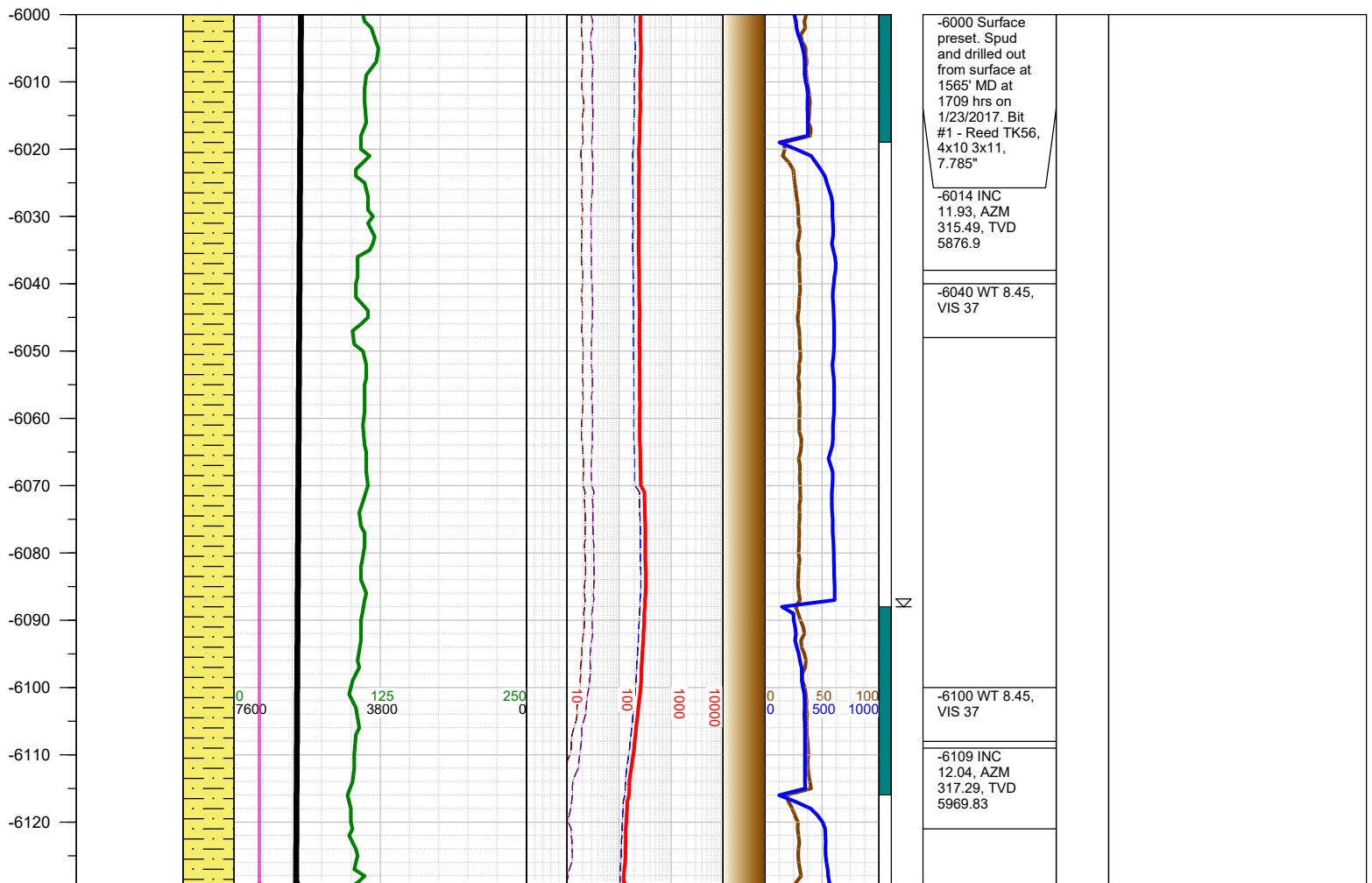
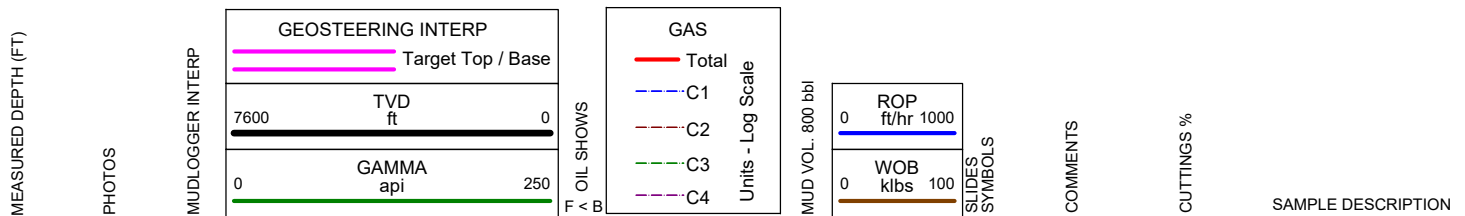
COUNTY: Weld
STATE: Colorado
GROUND ELEVATION: 4880'
KELLY BUSHING: 4905'
DRILLING FLUID: OBM
TVD VS. MD: 6992' / 17410'
SPUD DATE: January 23, 2017
TD DATE: January 27, 2017

DEPTHS LOGGED: 6000' - 17410'
DATES LOGGED: January 24, 2017 - January 27, 2017
GEOLOGISTS: Joe Coon, Dominic Pitre
SCALE: 5" = 100'

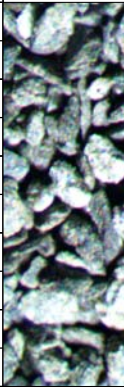
LEGEND



FORMATION CONNECTION MIDNIGHT NEW BIT GAS SHOW FAULT



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-6203 INC
12.21, AZM
312.92, TVD
6061.74

-6220 WT 8.45,
VIS 37

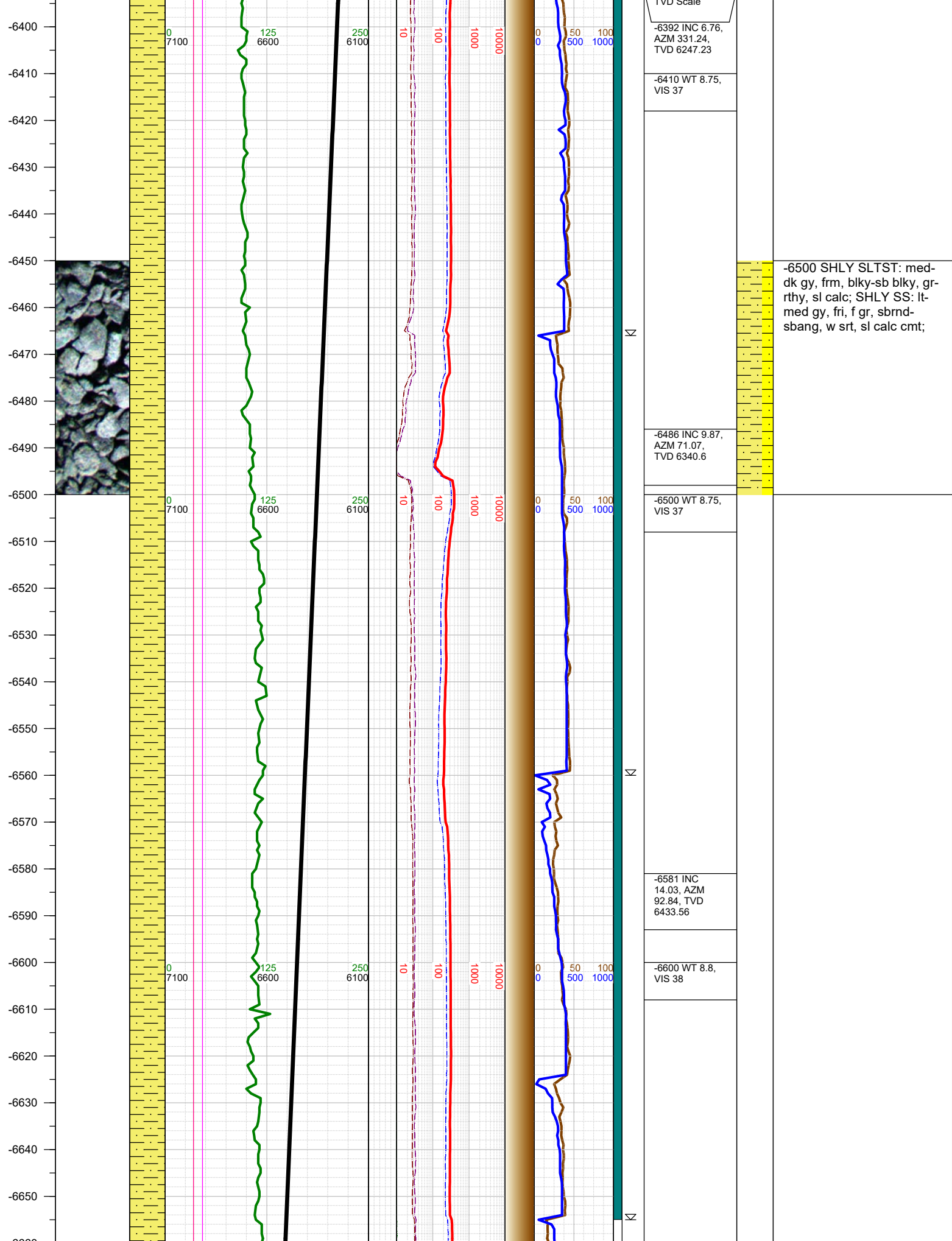
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12.39, AZM
314.16, TVD
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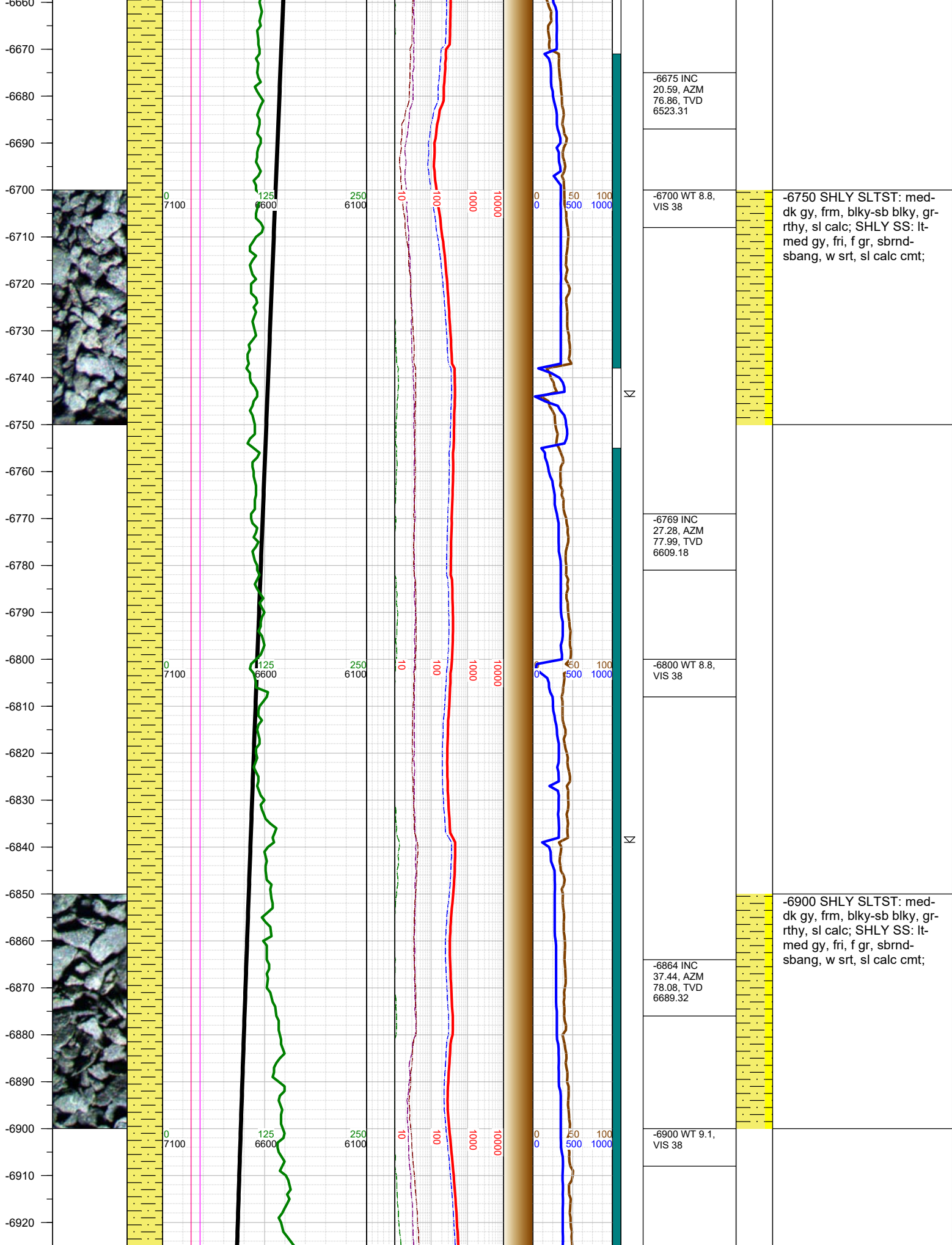
-6310 WT 8.75,
VIS 37

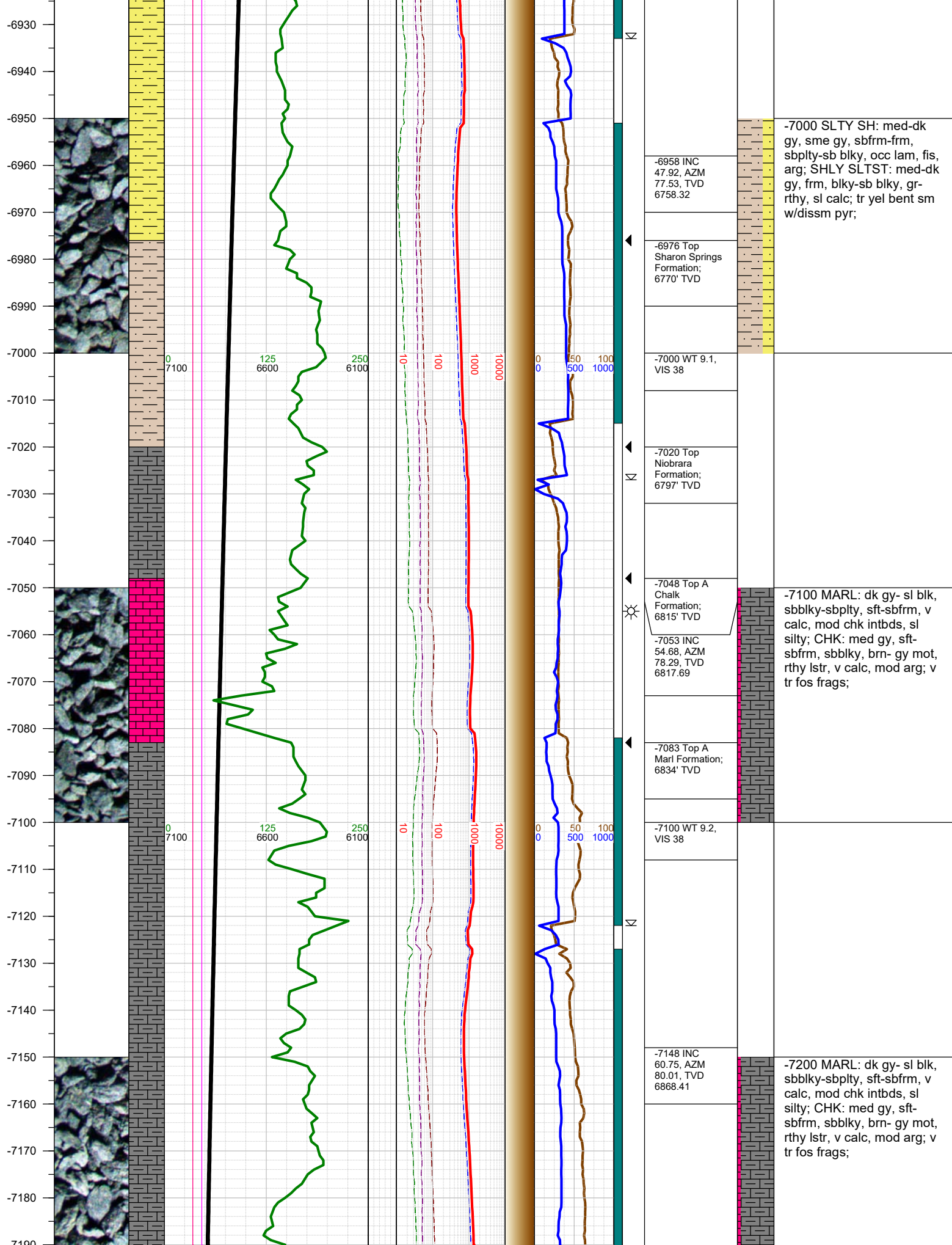
-6367 Reached
KOP of 6367'
MD, 6223' TVD
at 0450 hrs on
1/24/2017 and
immediately
began drilling
the curve.

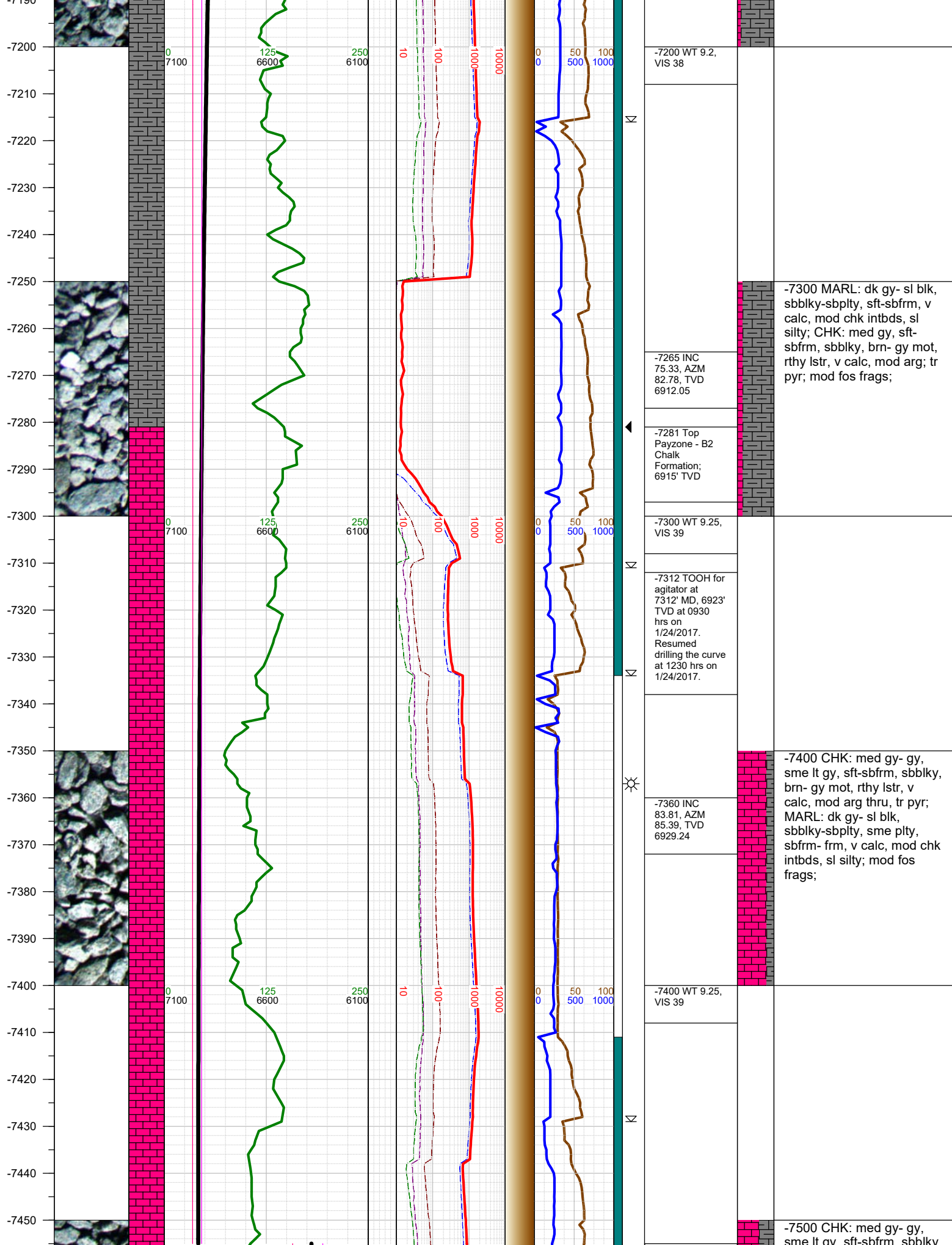
-6367 Change
TVD 6

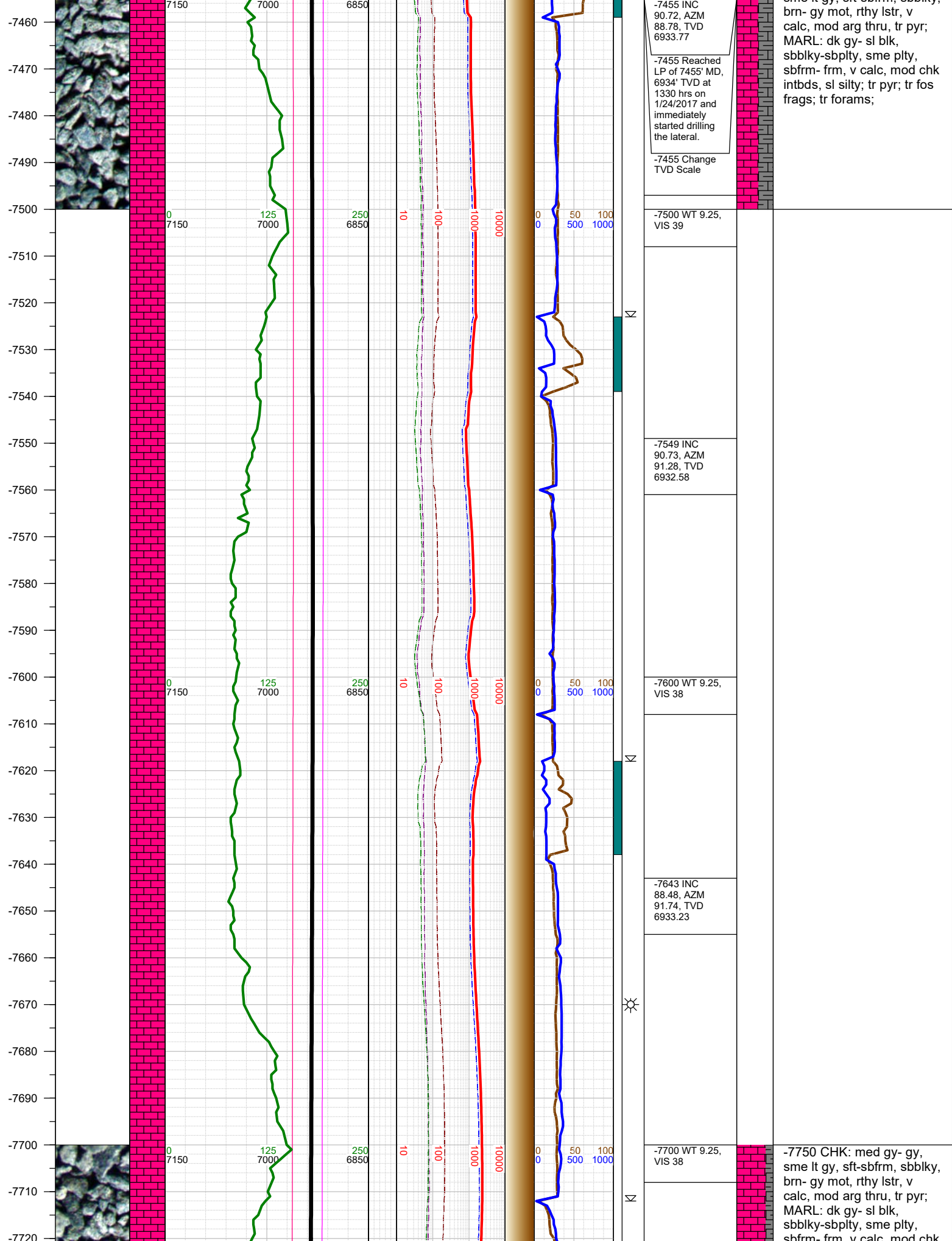
-6250 SHLY SLTST: pred
dk gy, frm, blk-y-sb blk-y, gr-
rthy, sl calc, sme lse calc:
SS; wht-lgt gry, trnl- tn, v f
gr, w rnd- sb ang

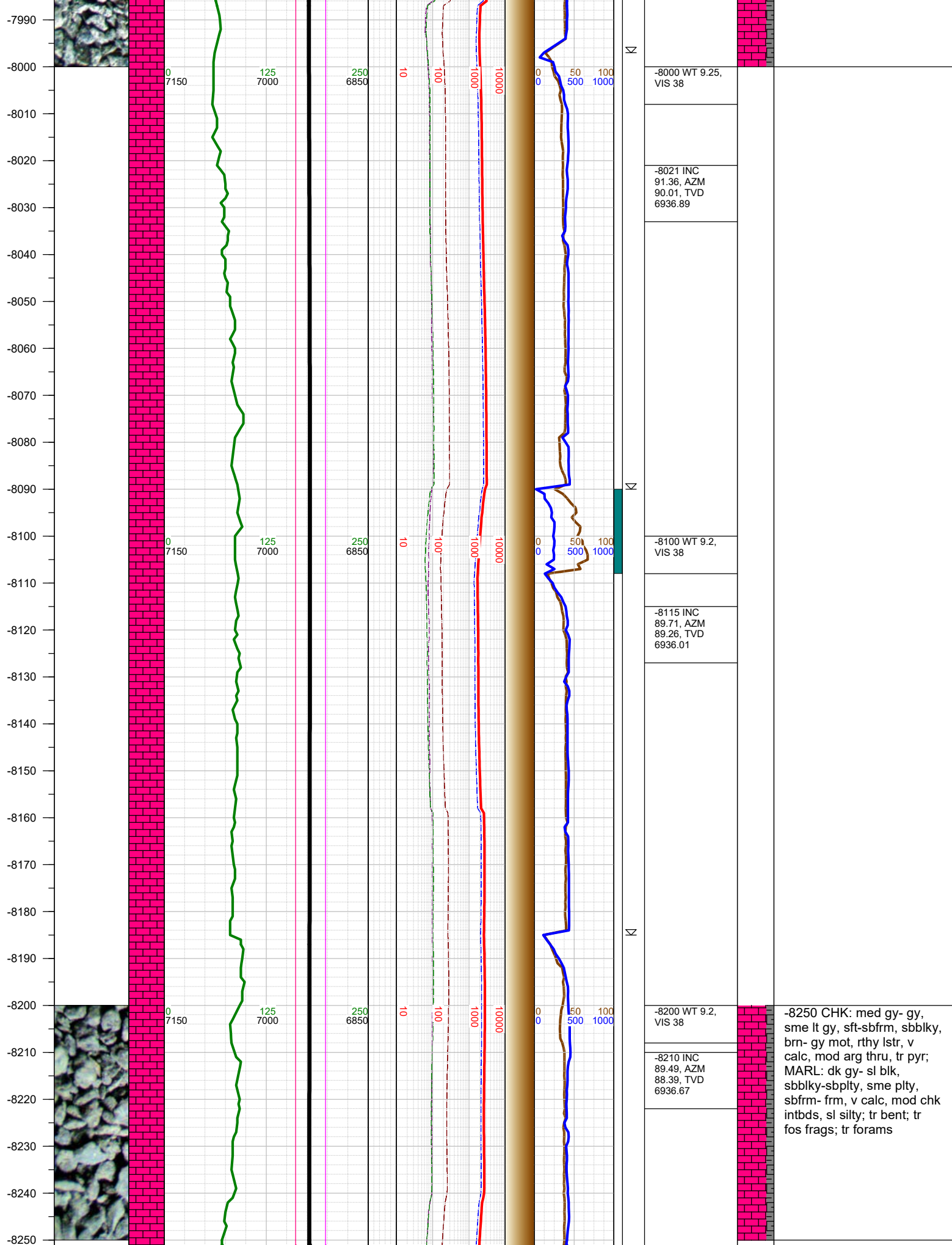




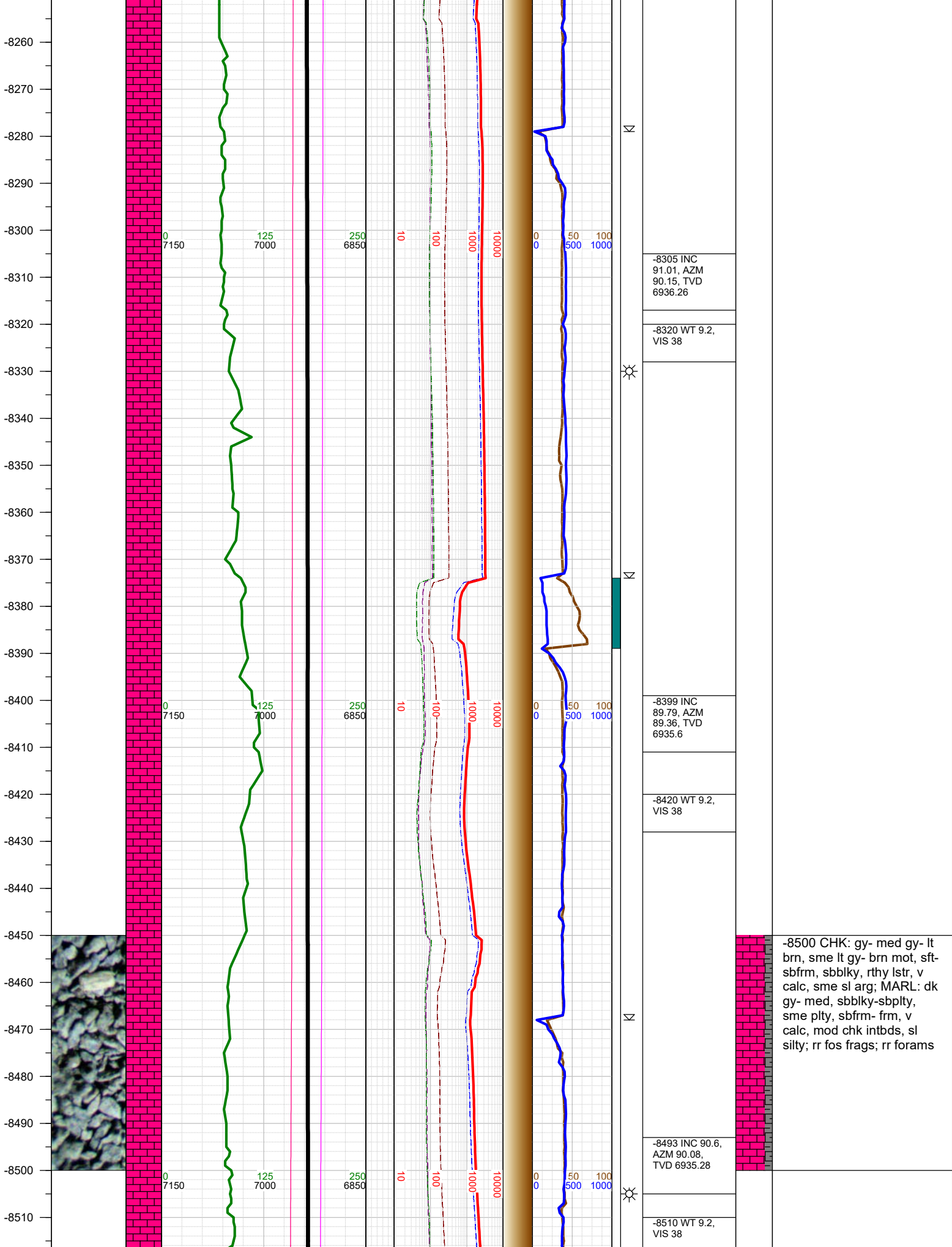




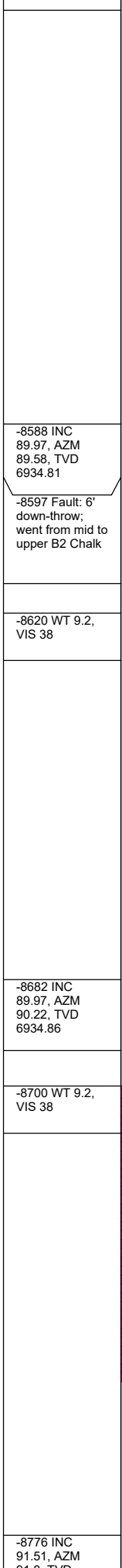
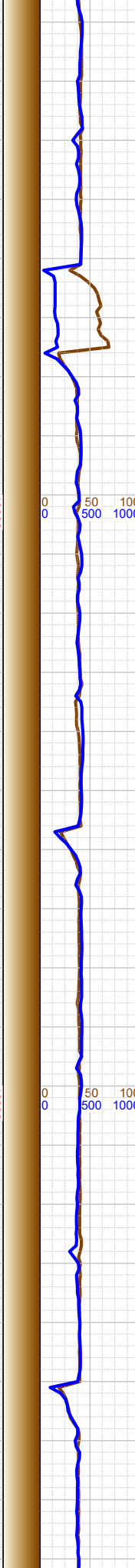
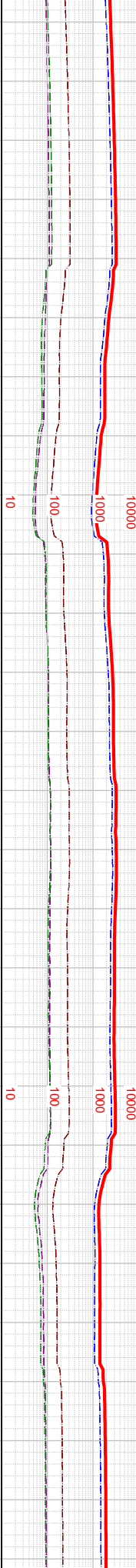
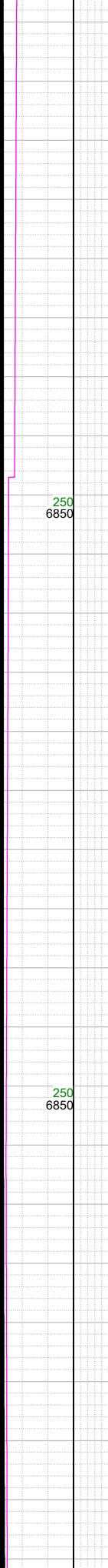
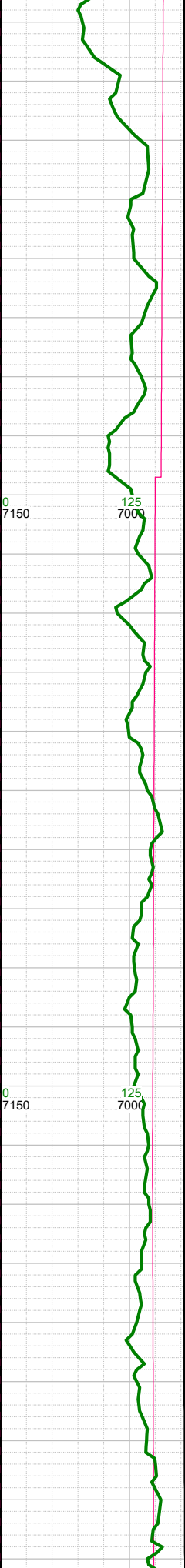
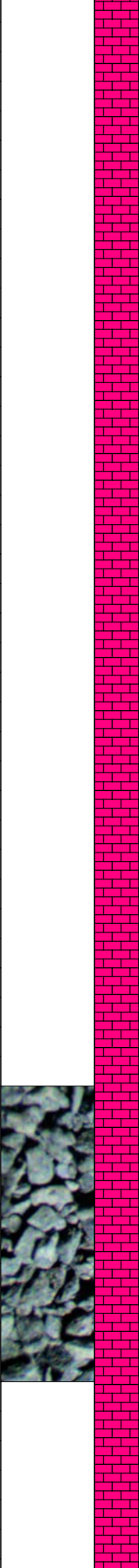




-8250 CHK: med gy- gy, sme lt gy, sft-sbfrm, sbblky, brn- gy mot, rthy lstr, v calc, mod arg thru, tr pyr; MARL: dk gy- sl blk, sbblky-sbplty, sme plty, sbfrm- frm, v calc, mod chk intbds, sl silty; tr bent; tr fos frags; tr forams

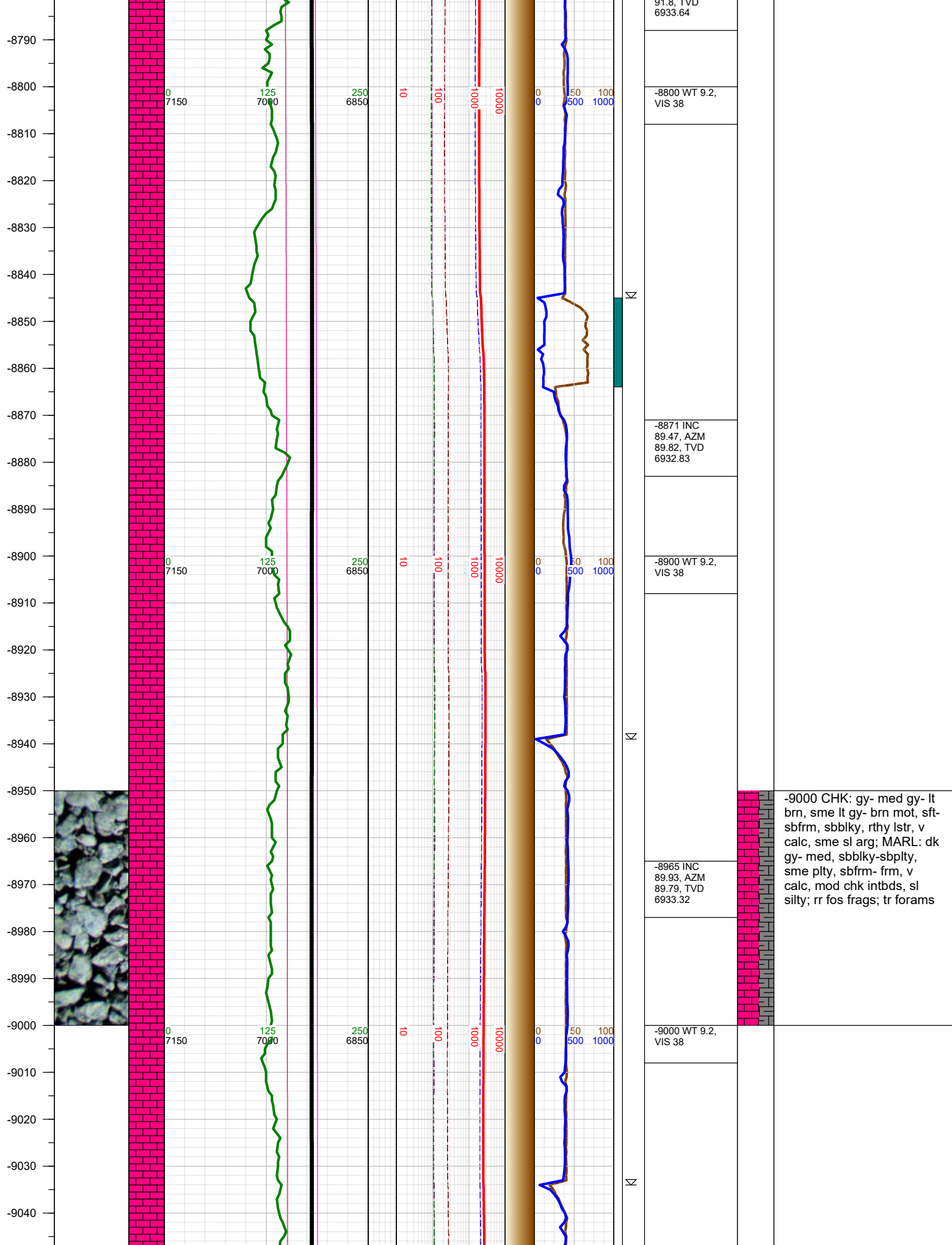


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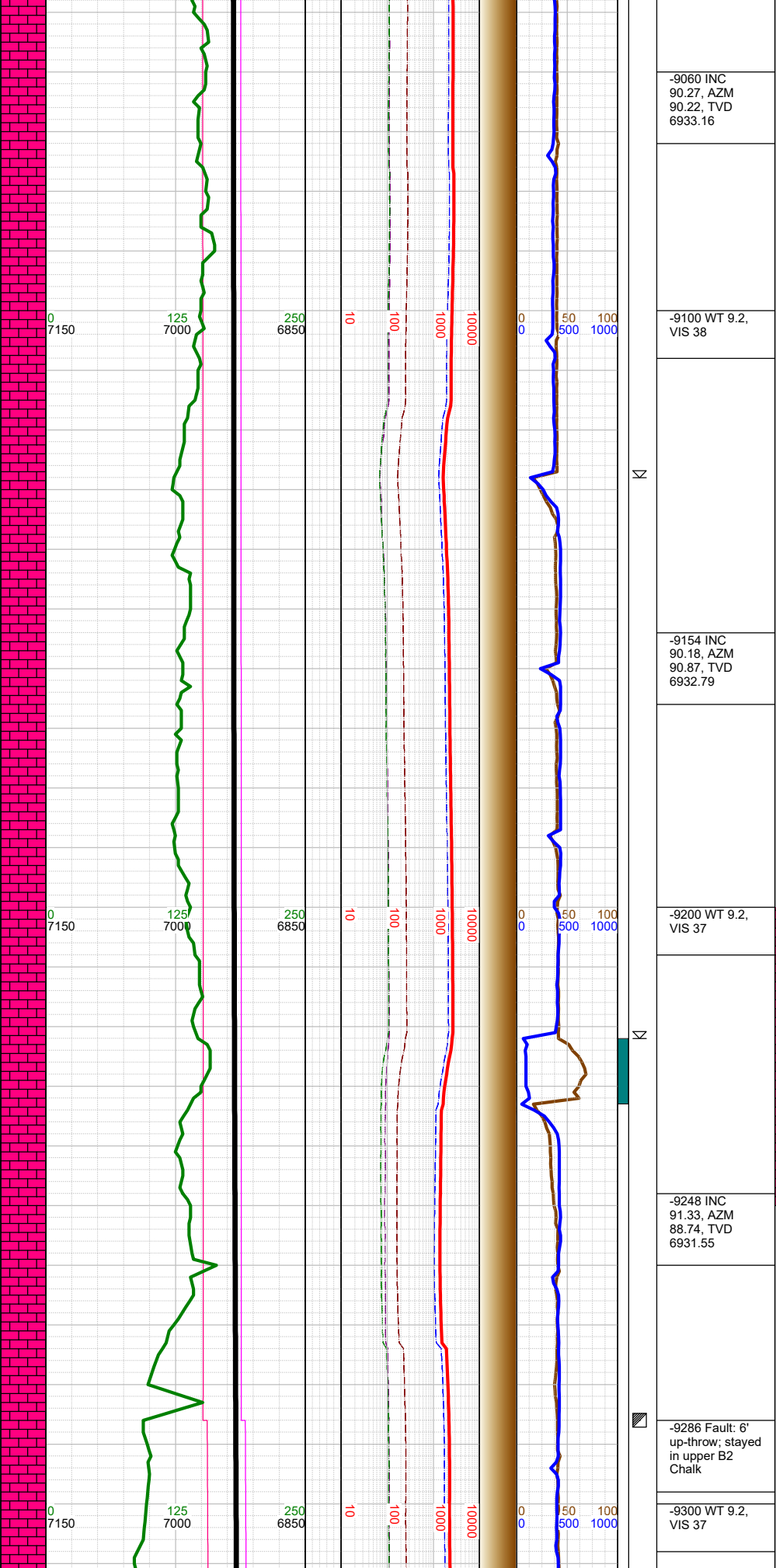
<p>-8588 INC 89.97, AZM 89.58, TVD 6934.81</p> <p>-8597 Fault: 6' down-throw; went from mid to upper B2 Chalk</p> <p>-8620 WT 9.2, VIS 38</p> <p>-8682 INC 89.97, AZM 90.22, TVD 6934.86</p> <p>-8700 WT 9.2, VIS 38</p> <p>-8776 INC 91.51, AZM</p>		<p>-8750 CHK: gy- med gy- lt brn, sme lt gy- brn mot, sft- sbfrm, sbbiky, rthy lstr, v calc, sme sl arg; MARL: dk gy- med, sbbiky-sbply, sme pty, sbfrm- frm, v calc, mod chk intbds, sl silty; rr fos frags; tr forams</p>	
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-9000 CHK: gy- med gy- lt brn, sme lt gy- brn mot, sft-sbfrm, sbblky, rthy lstr, v calc, sme sl arg; MARL: dk gy- med, sbblky-sbplty, sme plty, sbfrm- frm, v calc, mod chk intbds, sl silty; rr fos frags; tr forams

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-9060 INC
90.27, AZM
90.22, TVD
6933.16

-9100 WT 9.2,
VIS 38

-9154 INC
90.18, AZM
90.87, TVD
6932.79

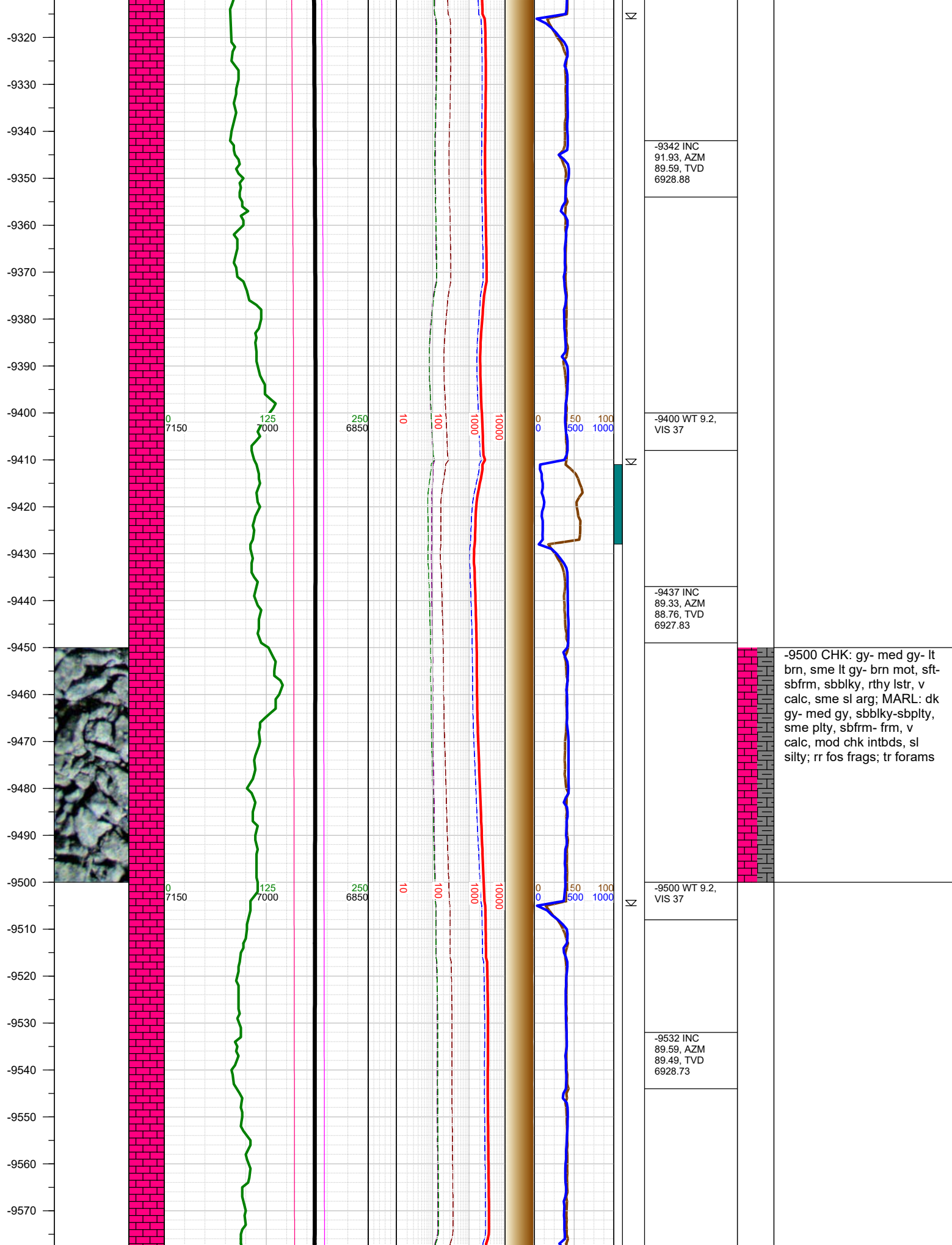
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VIS 37

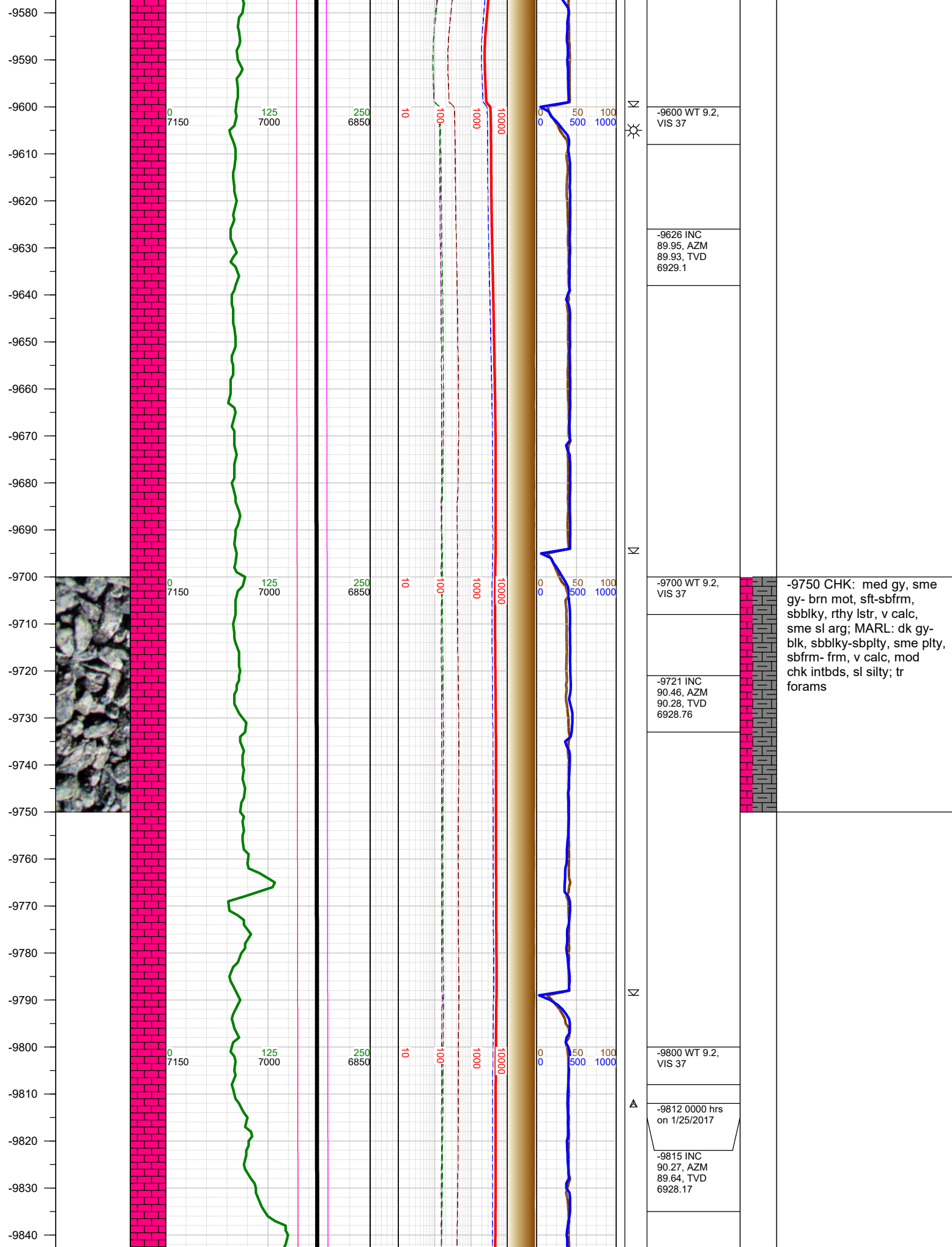
-9248 INC
91.33, AZM
88.74, TVD
6931.55

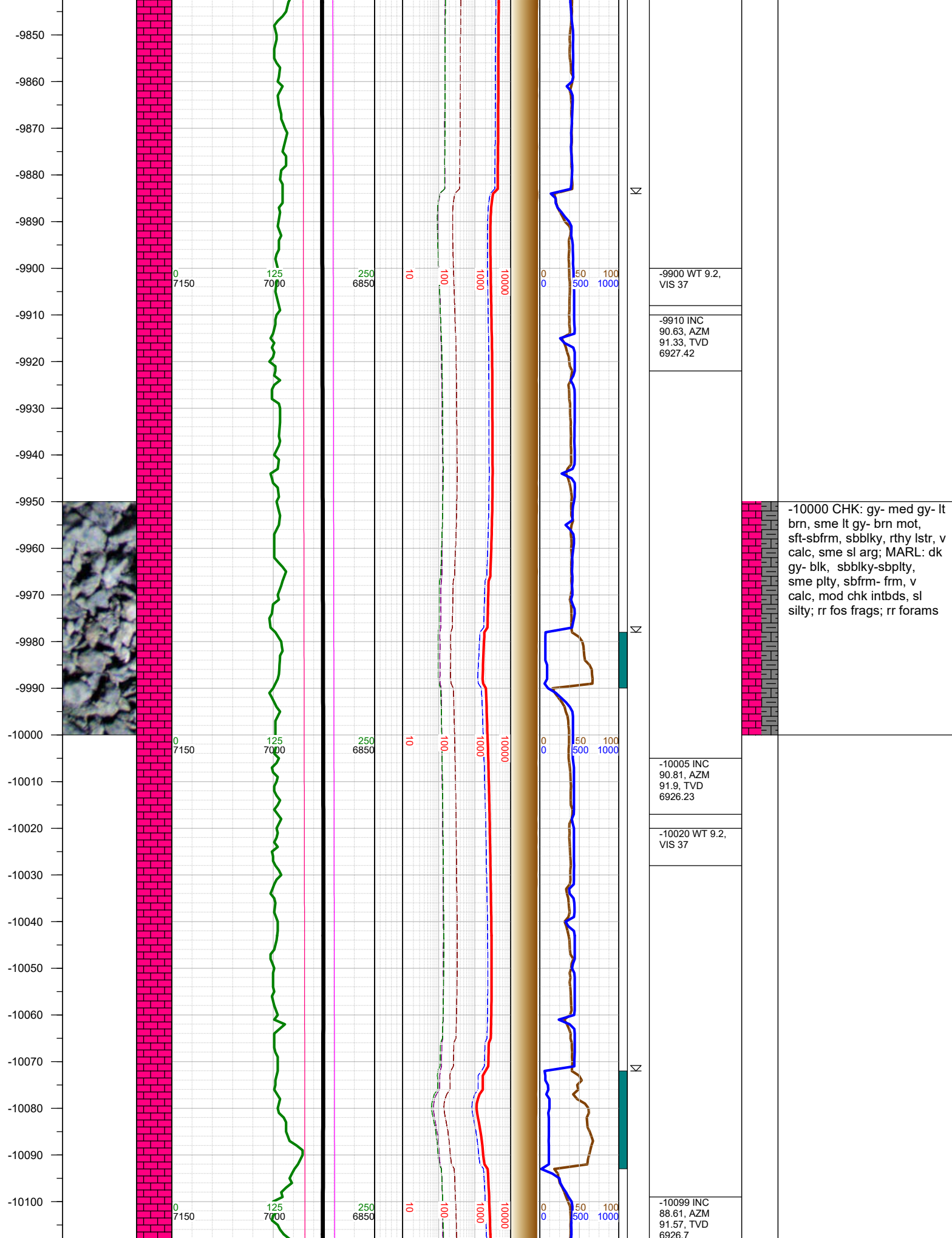
-9286 Fault: 6'
up-throw; stayed
in upper B2
Chalk

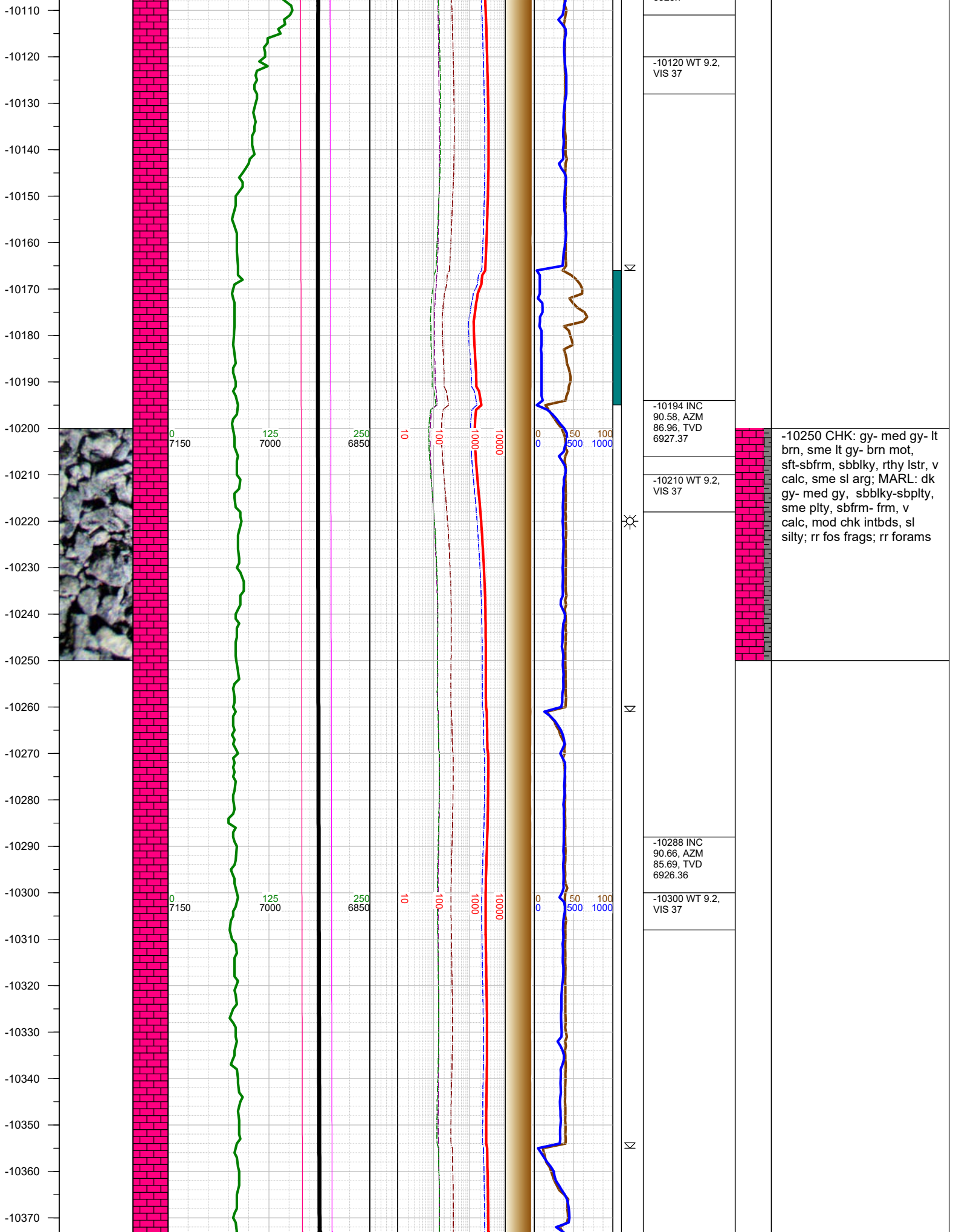
-9300 WT 9.2,
VIS 37

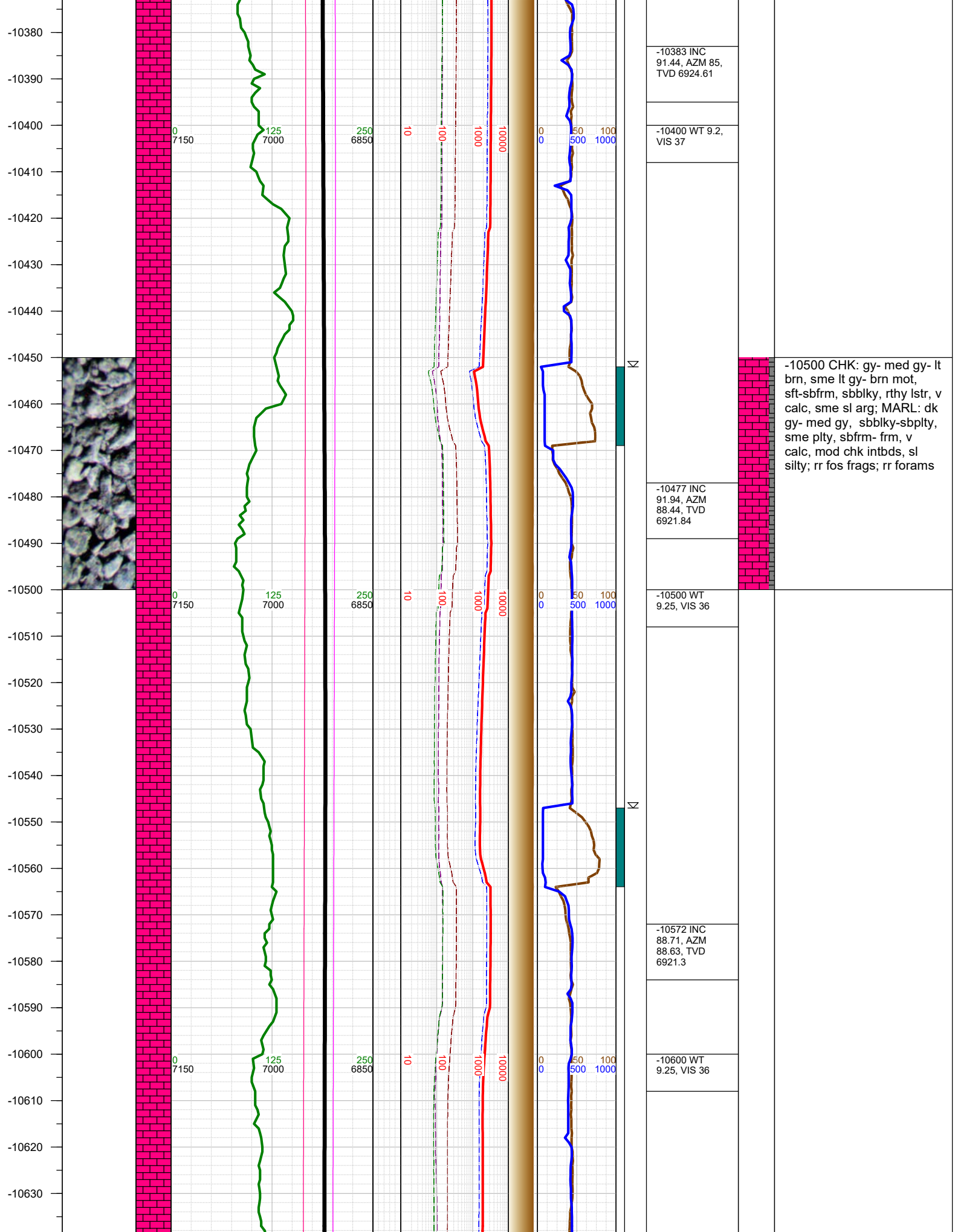
-9250 CHK: gy- med gy- lt
brn, sme lt gy- brn mot, sft-
sbfrm, sbblky, rthy lstr, v
calc, sme sl arg; MARL: dk
gy- med gy, sbblky-sbply,
sme pty, sbfrm- frm, v
calc, mod chk intbds, sl
silty; rr fos frags; tr forams

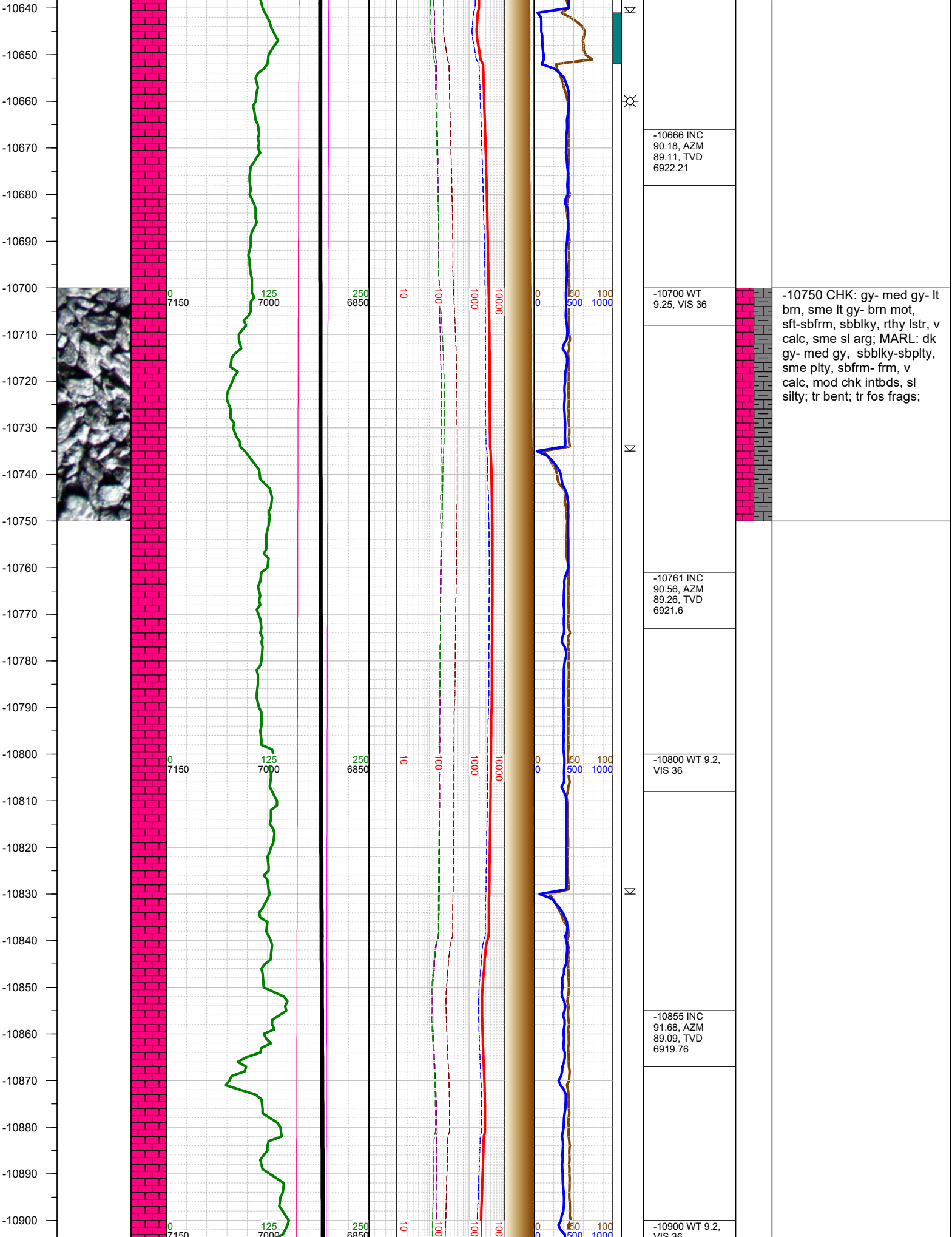




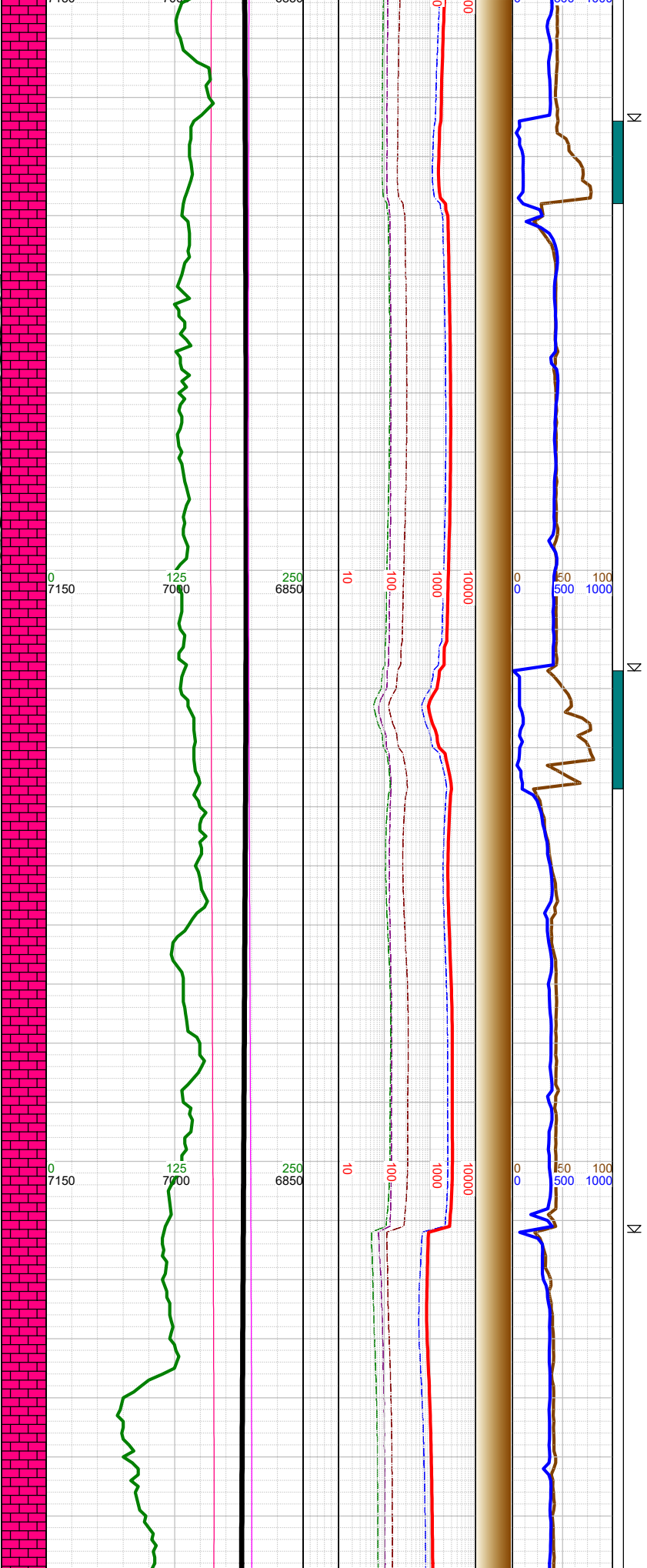
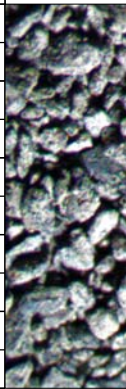




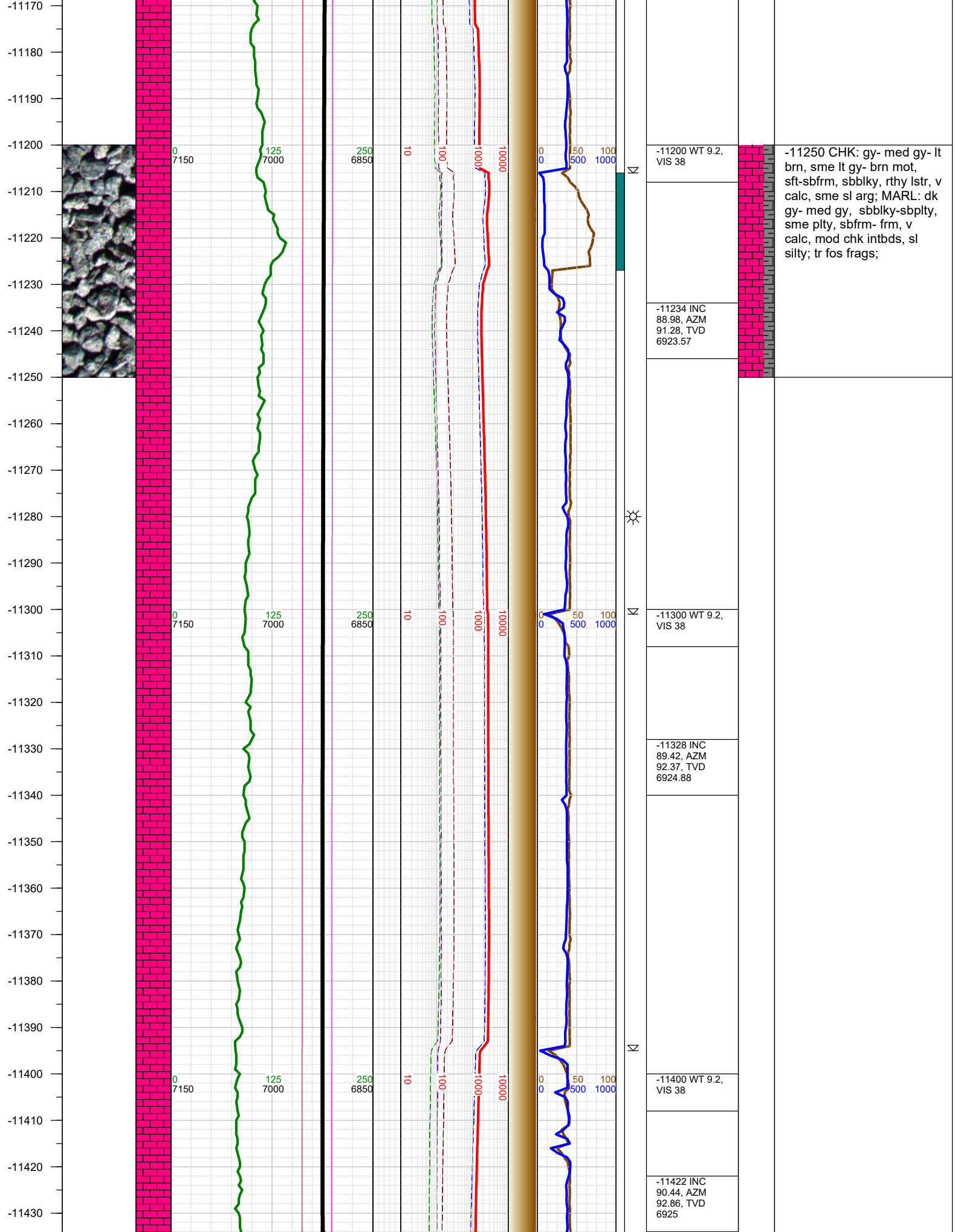




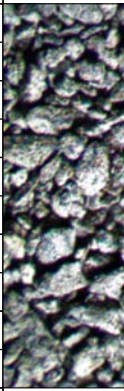
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VIS 38		
-10950 INC 91.44, AZM 89.78, TVD 6917.18		-11000 MARL: dk gy- sl blk, sbblky-sbplty, sft- sbfrm, v calc, mod chk intbds, sl silty; CHK: med gy, sft-sbfrm, sbblky, brn- gy mot, rthy lstr, v calc, mod arg; tr bent w/dissm pyr; v tr fos frags;
-11000 WT 9.2, VIS 38		
-11044 INC 88, AZM 88.87, TVD 6917.64		
-11100 WT 9.2, VIS 38		
-11139 INC 87.93, AZM 87.92, TVD 6921.01		



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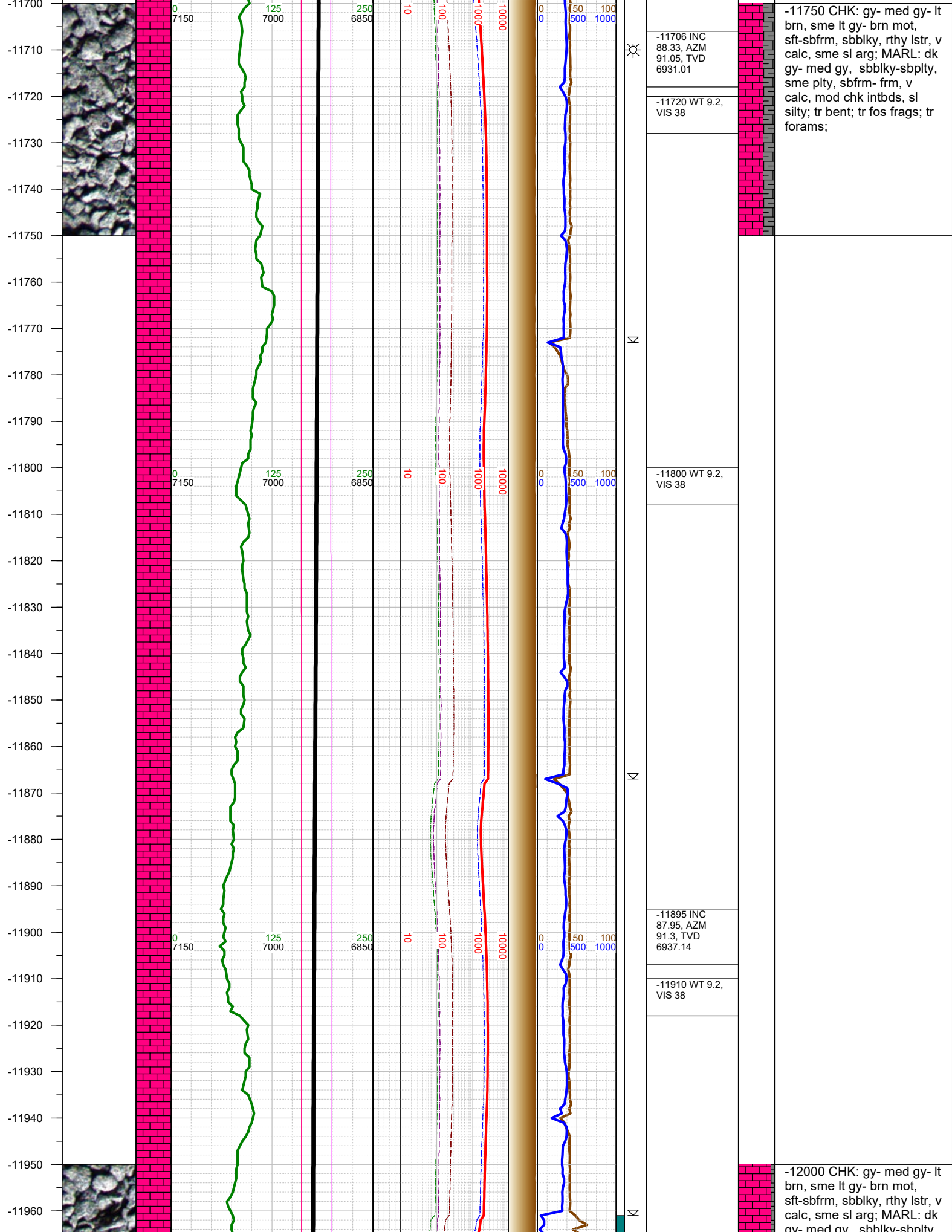
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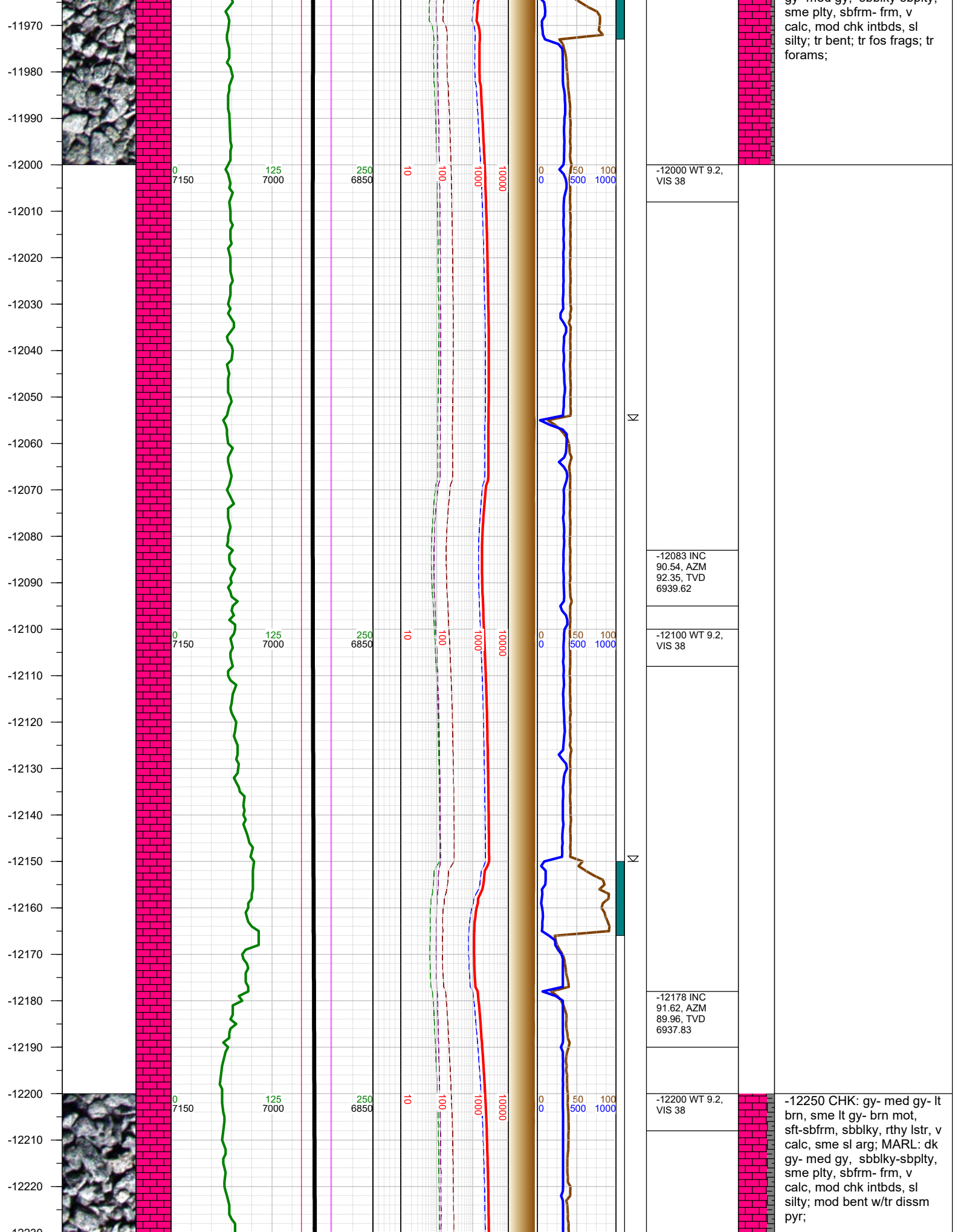
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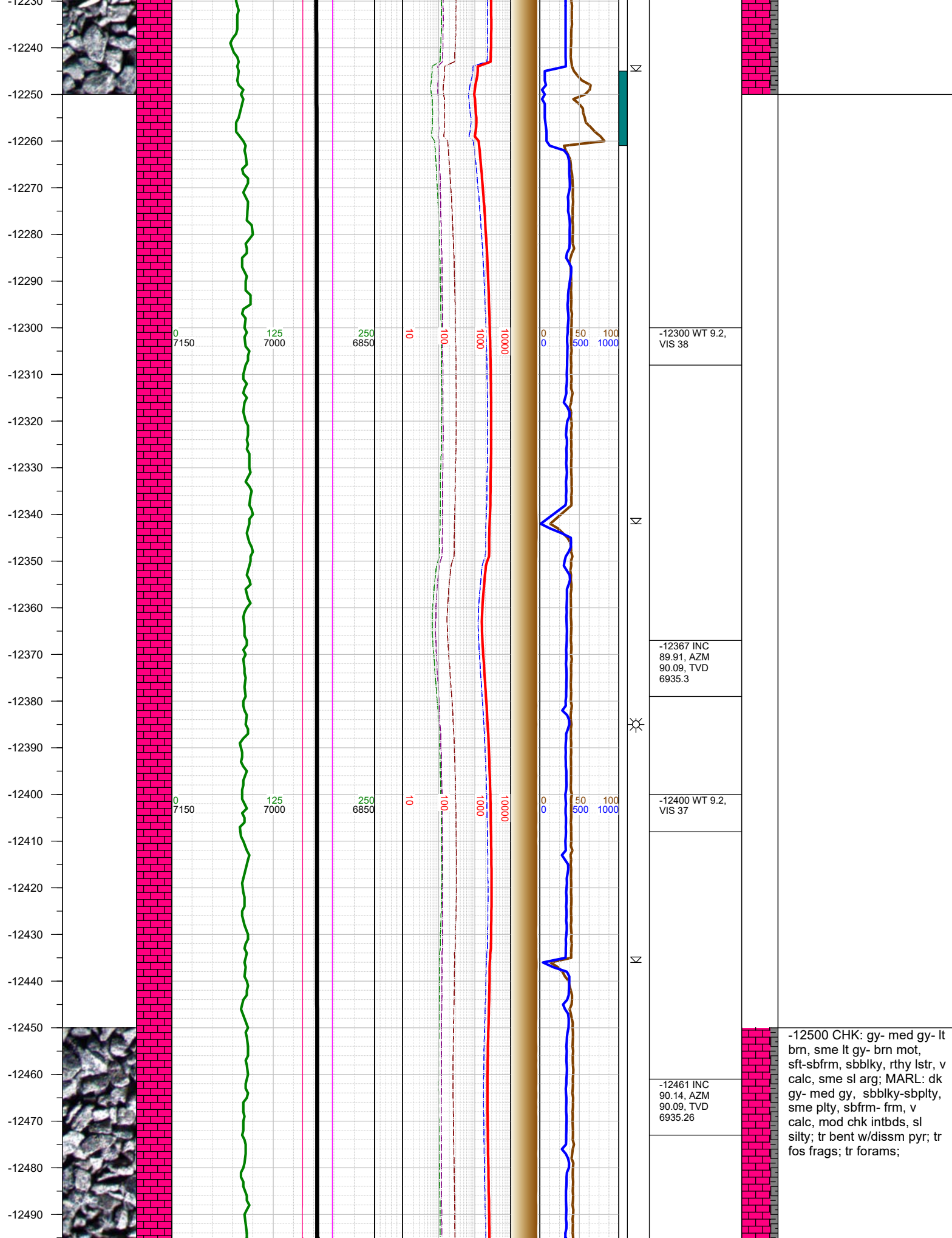
-11517 INC
88.54, AZM
91.38, TVD
6925.84

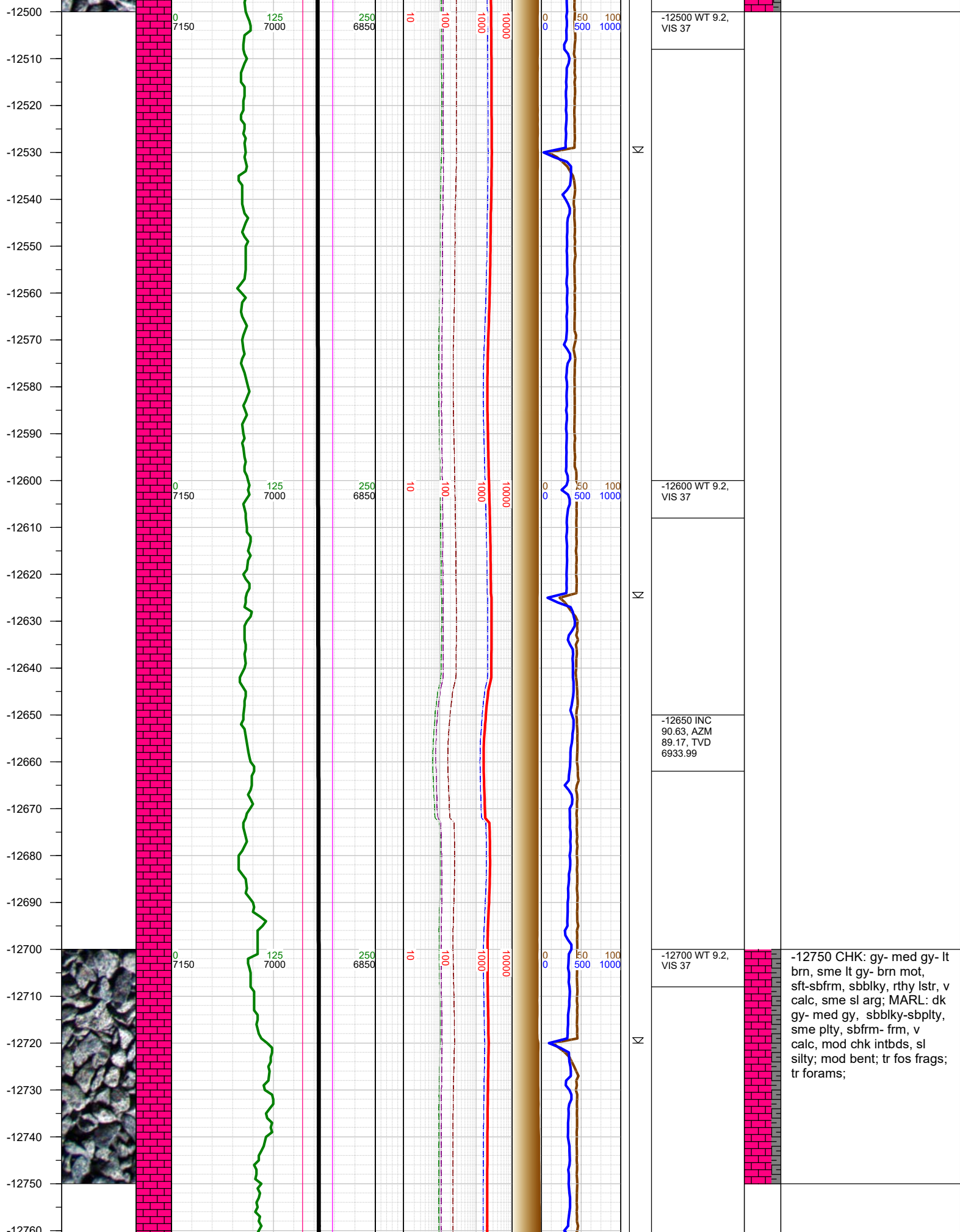
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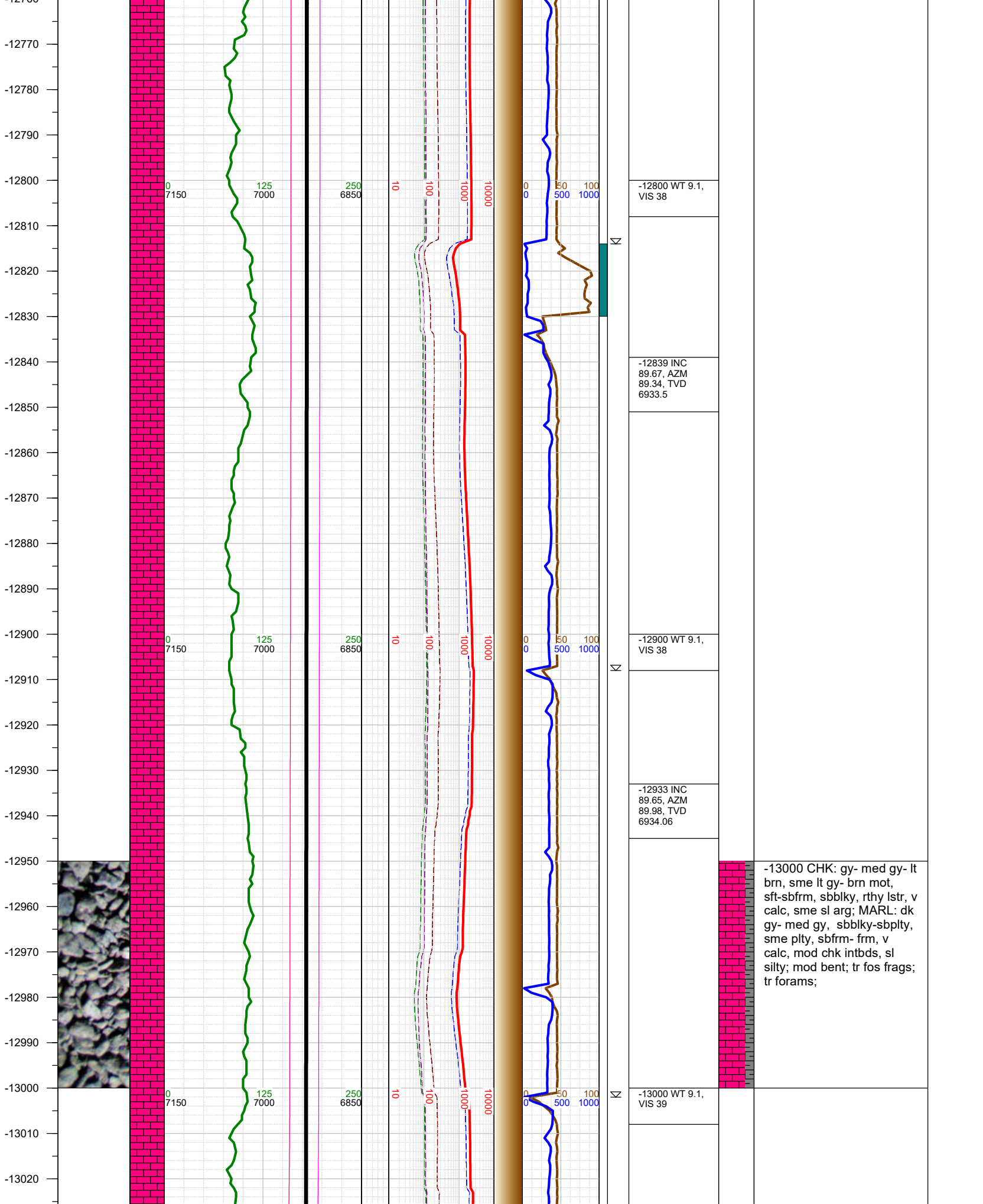
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brn, sme lt gy- brn mot,
sft-sbfrm, sbblky, rthy lstr, v
calc, sme sl arg; MARL: dk
gy- med gy, sbblky-sbply,
sme pty, sbfrm- frm, v
calc, mod chk intbds, sl
silty; tr fos frags;

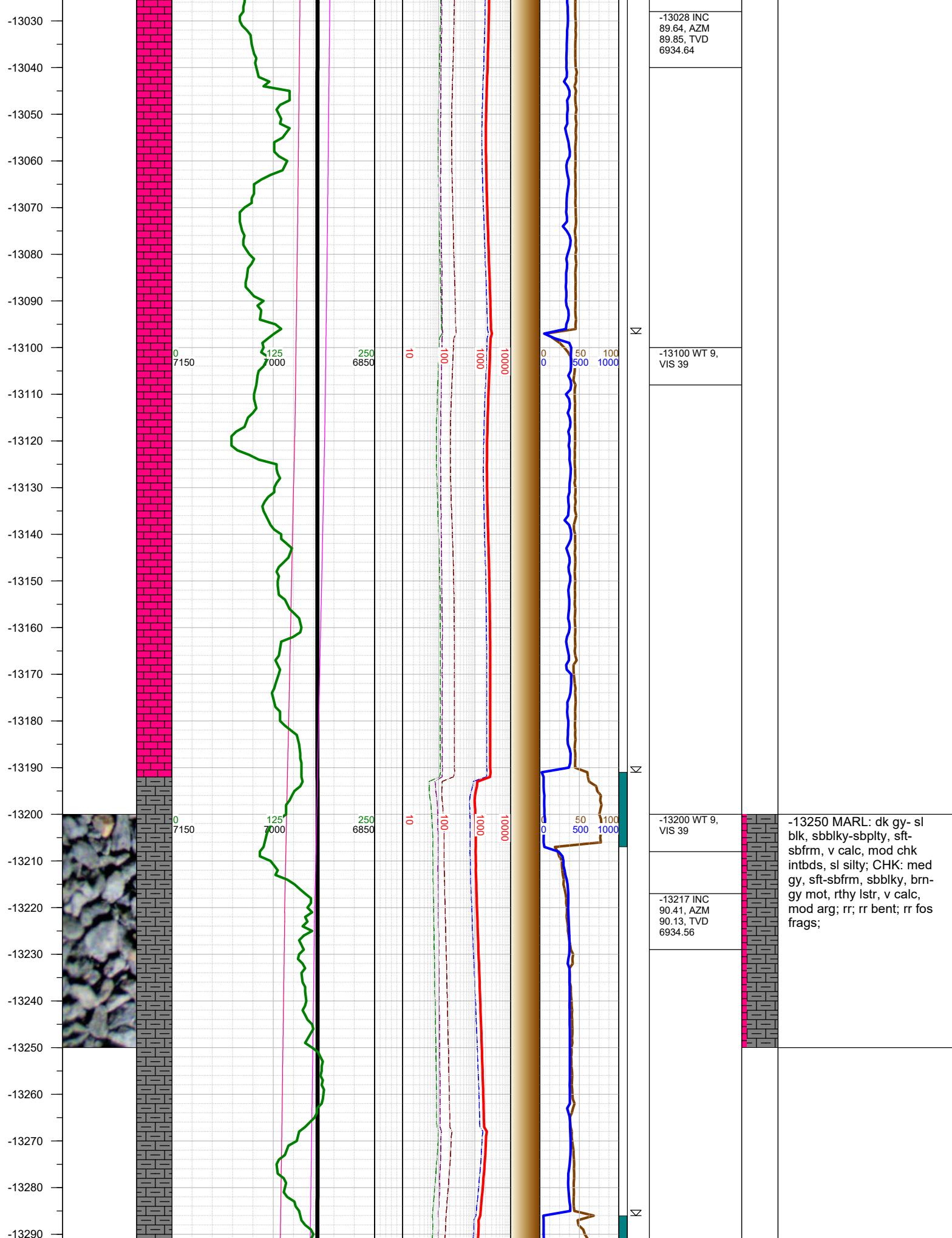


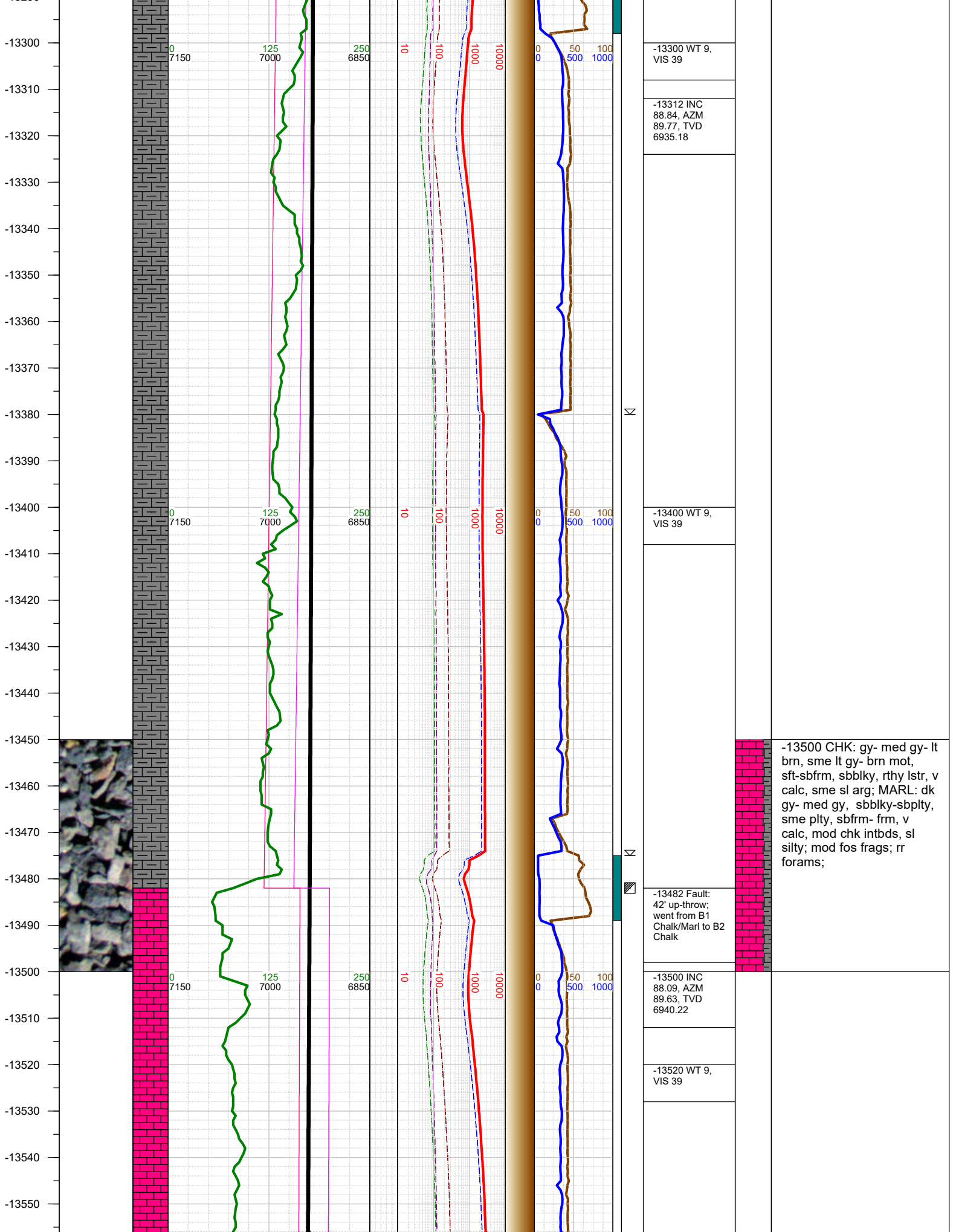




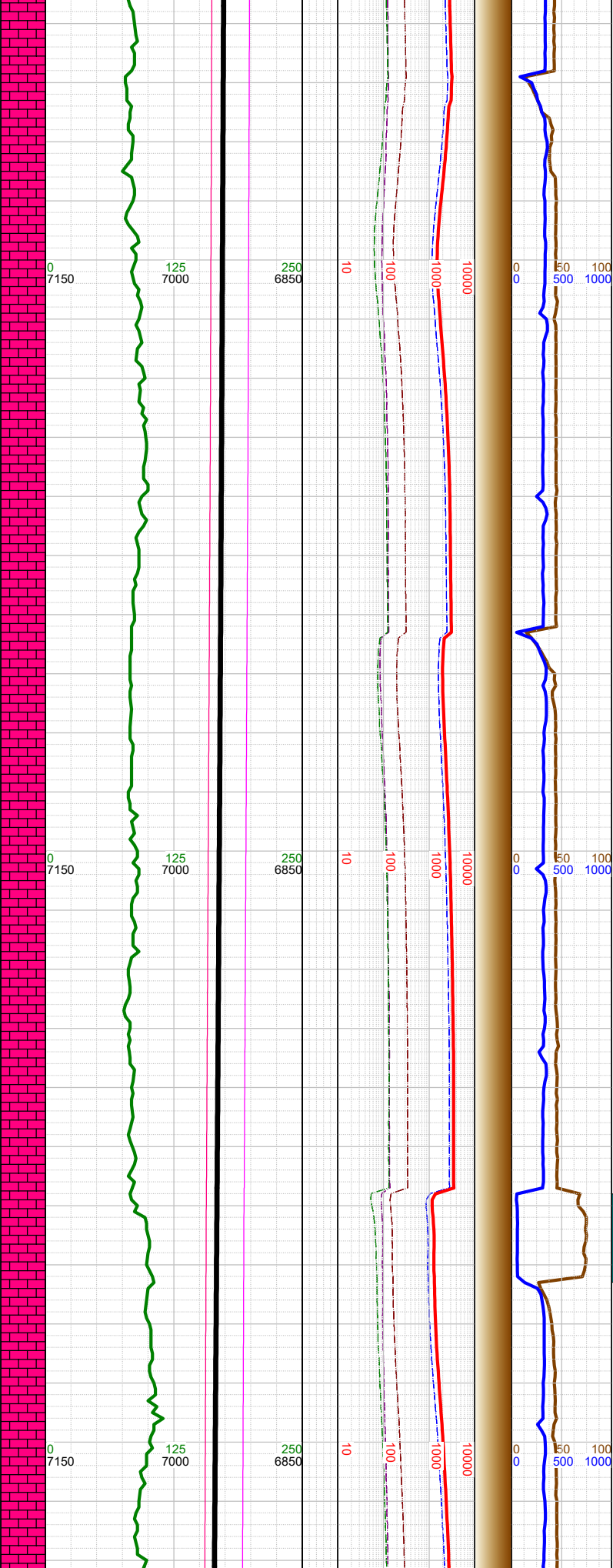




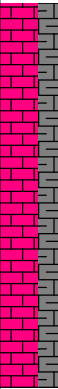




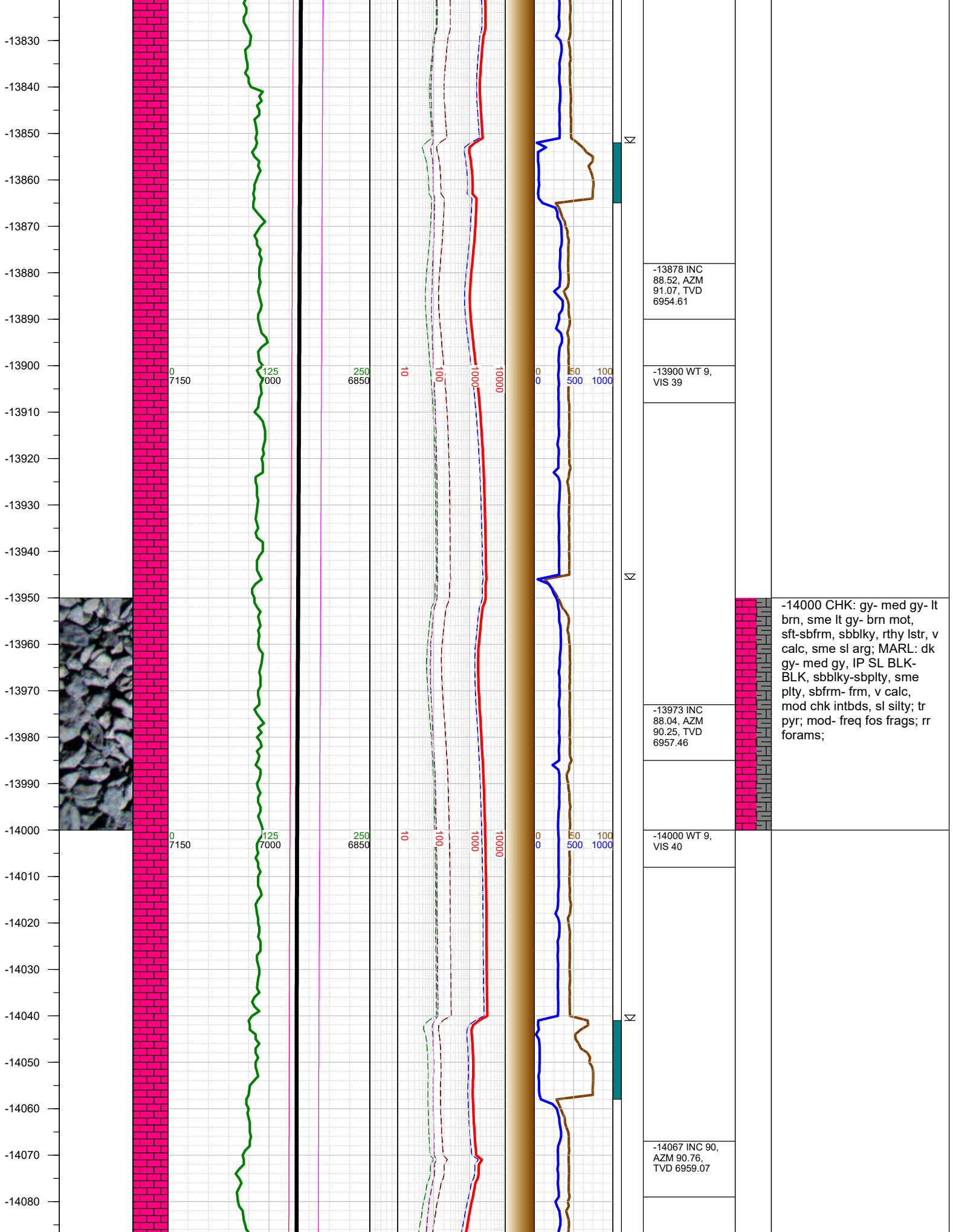
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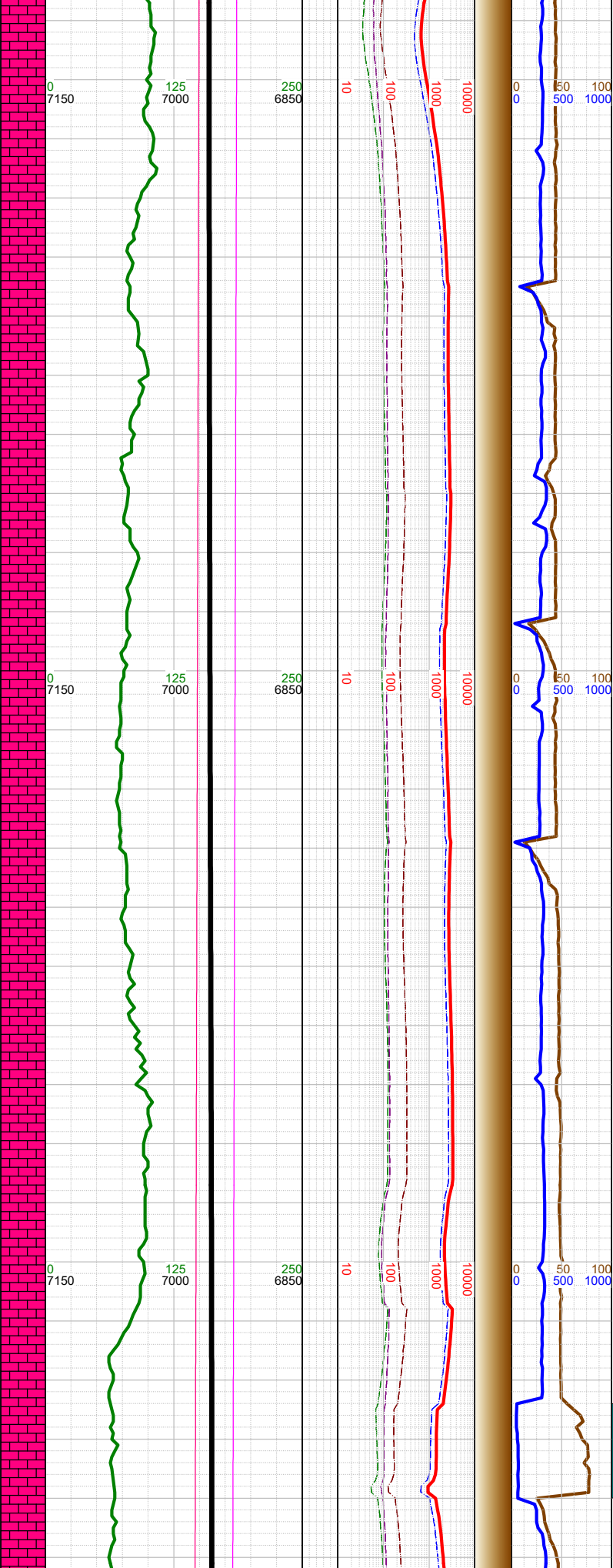
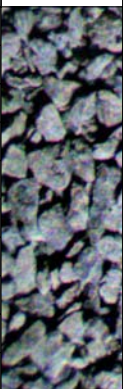
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	-13610 WT 9, VIS 39
N	-13700 WT 9, VIS 39
N	-13784 INC 87.09, AZM 91.65, TVD 6951.01
	-13800 WT 9, VIS 39



-13750 CHK: gy- med gy- lt
brn, sme lt gy- brn mot,
sft-sbfrm, sbblky, rthy lstr, v
calc, sme sl arg; MARL: dk
gy- med gy, IP SL BLK-
BLK, sbblky-sbply, sme
ply, sbfrm- frm, v calc,
mod chk intbds, sl silty;
mod- freq fos frags; rr
forams;

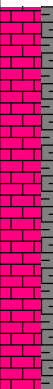


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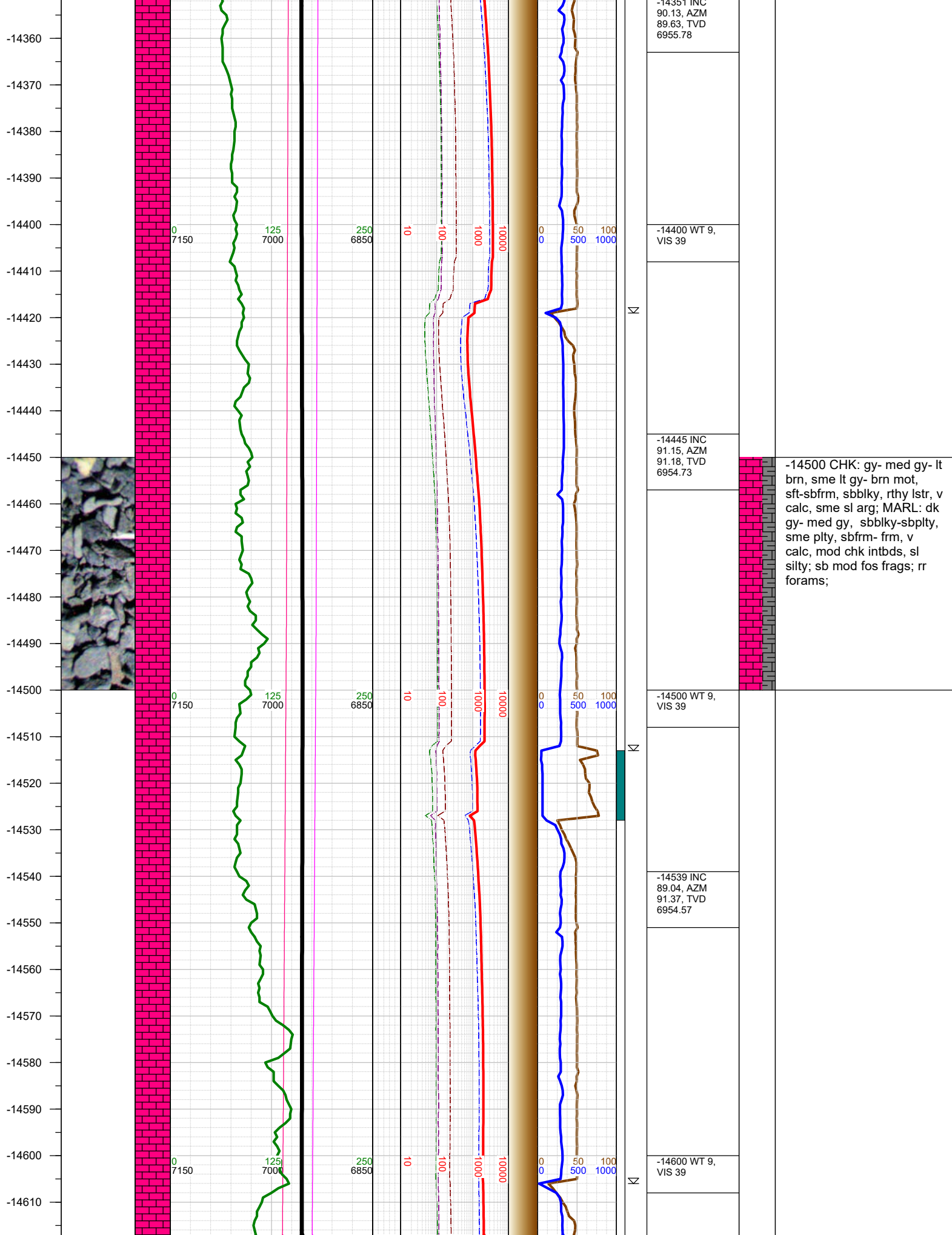


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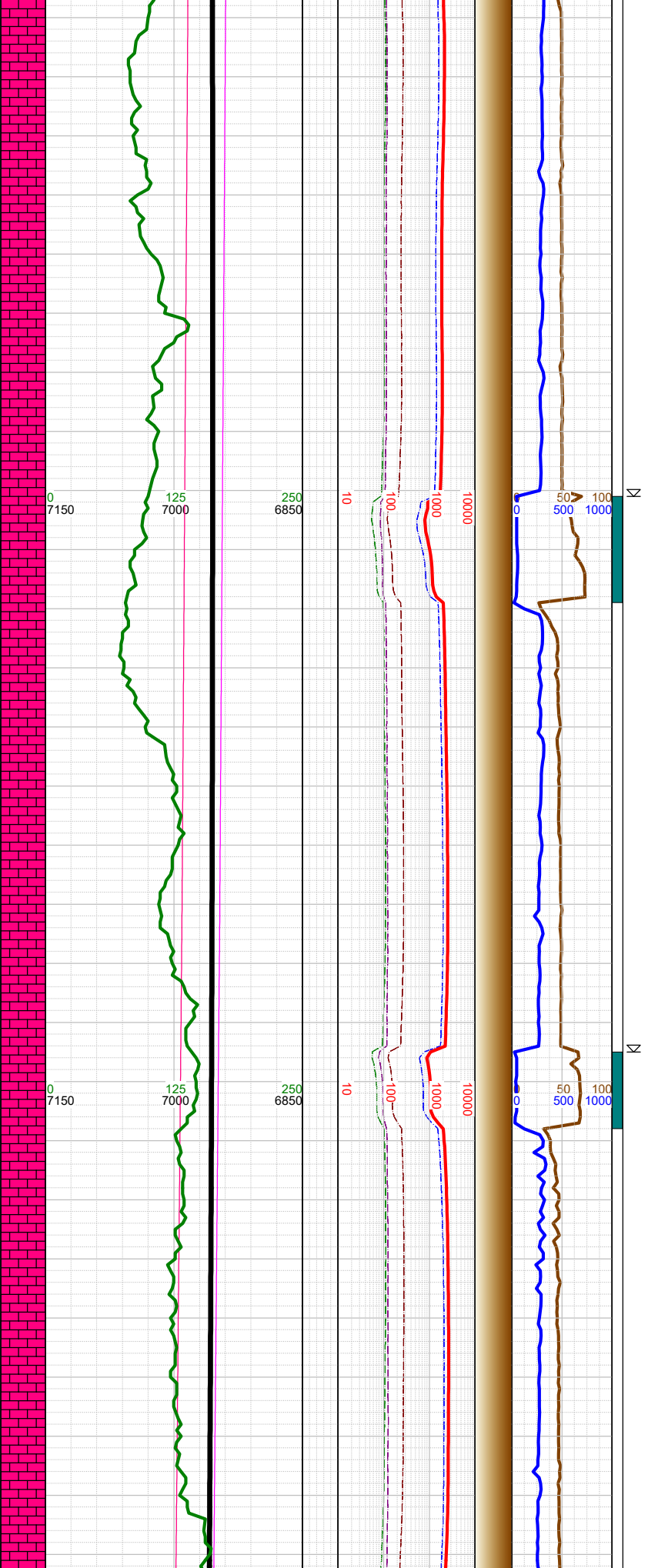
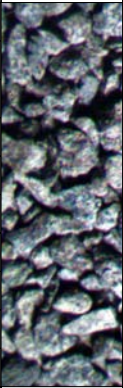
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-14162 INC 90.65, AZM 91.28, TVD 6958.53
-14200 WT 9, VIS 40
-14256 INC 91.28, AZM 91.37, TVD 6956.95
-14300 WT 9, VIS 40
-14354 INC



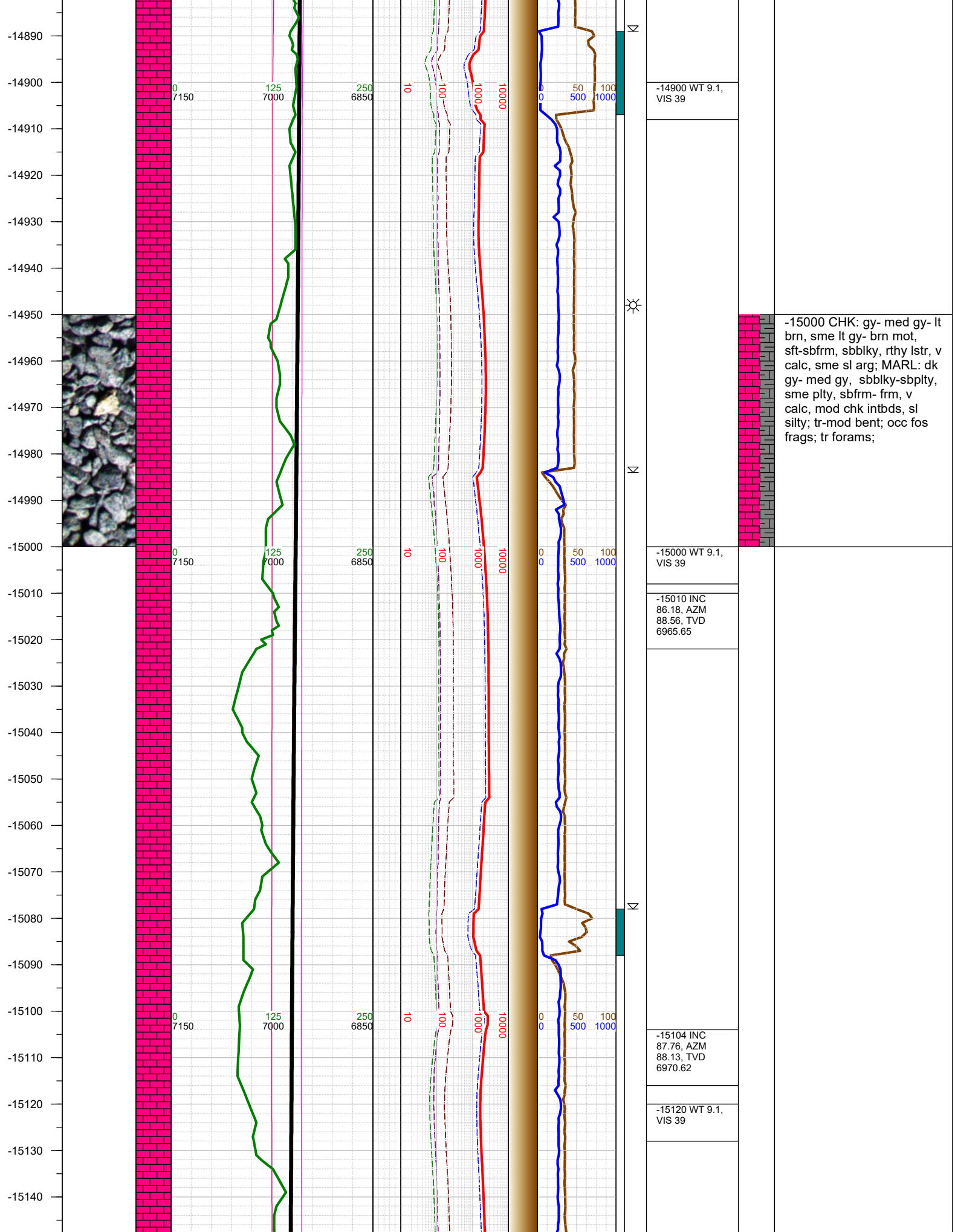
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sft-sbfrm, sbblky, rthy lstr, v
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gy- med gy, IP SL BLK-
BLK, sbblky-sbplty, sme
plty, sbfrm- frm, v calc,
mod chk intbds, sl silty; tr
pyr; mod- freq fos frags; rr
forams;

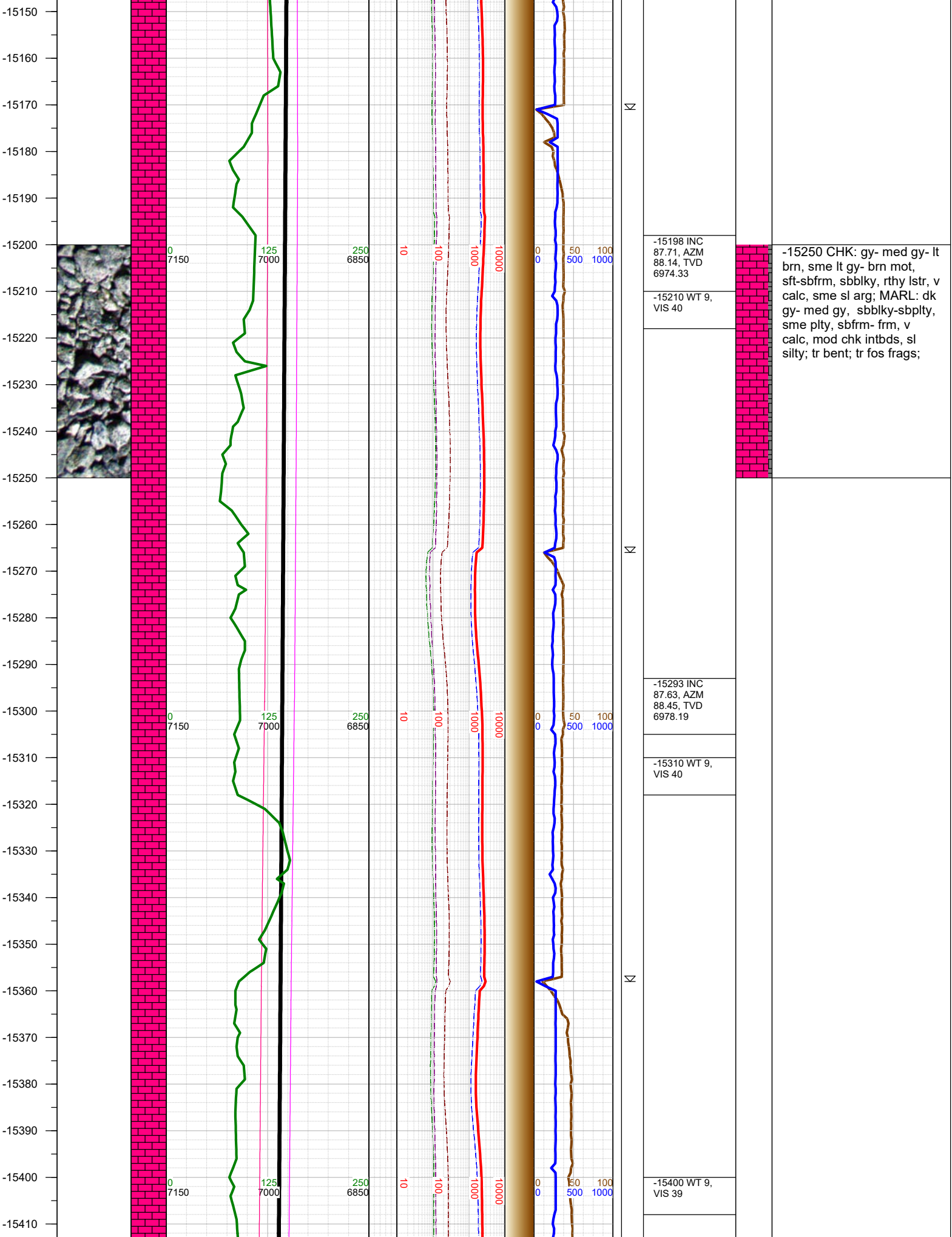


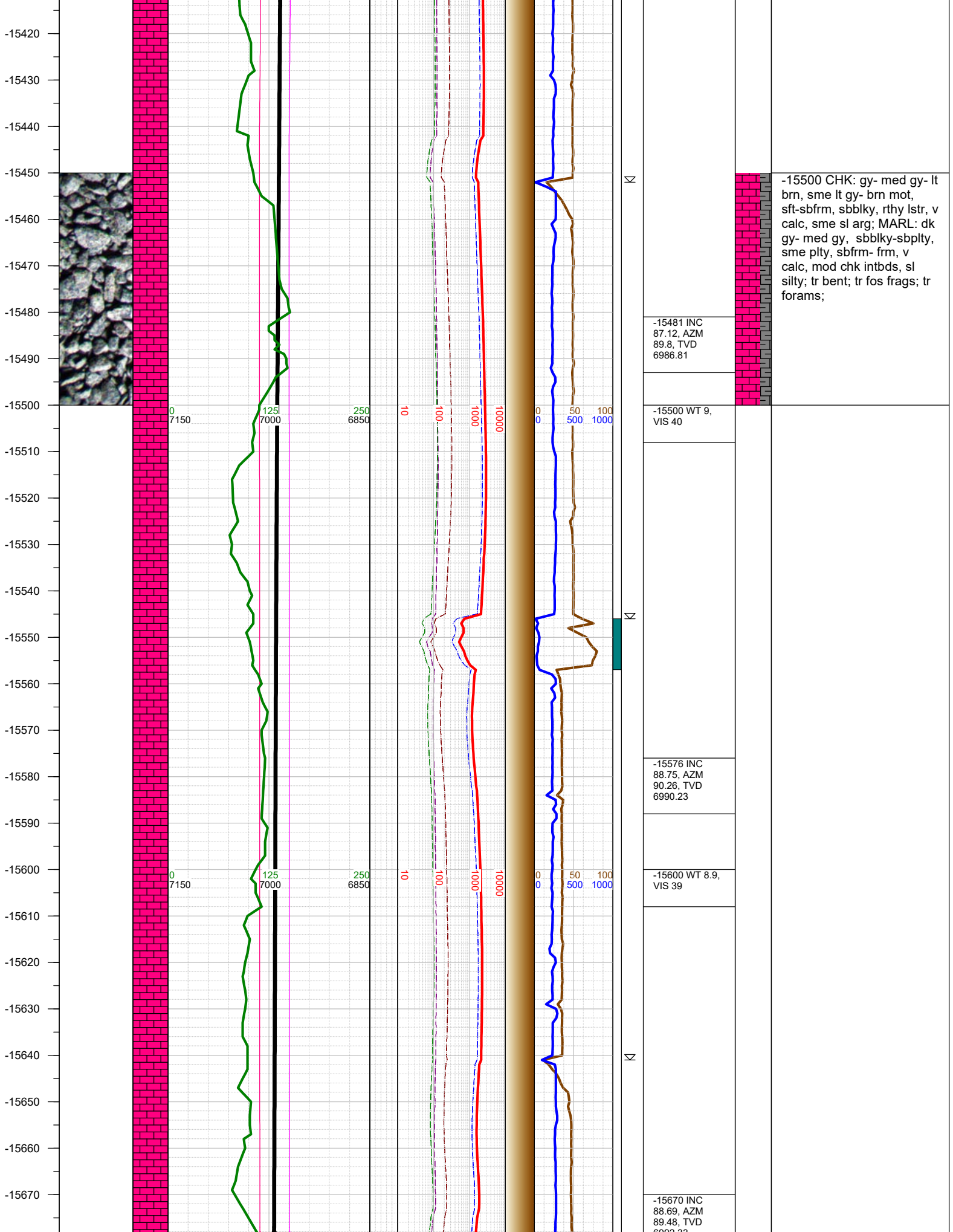
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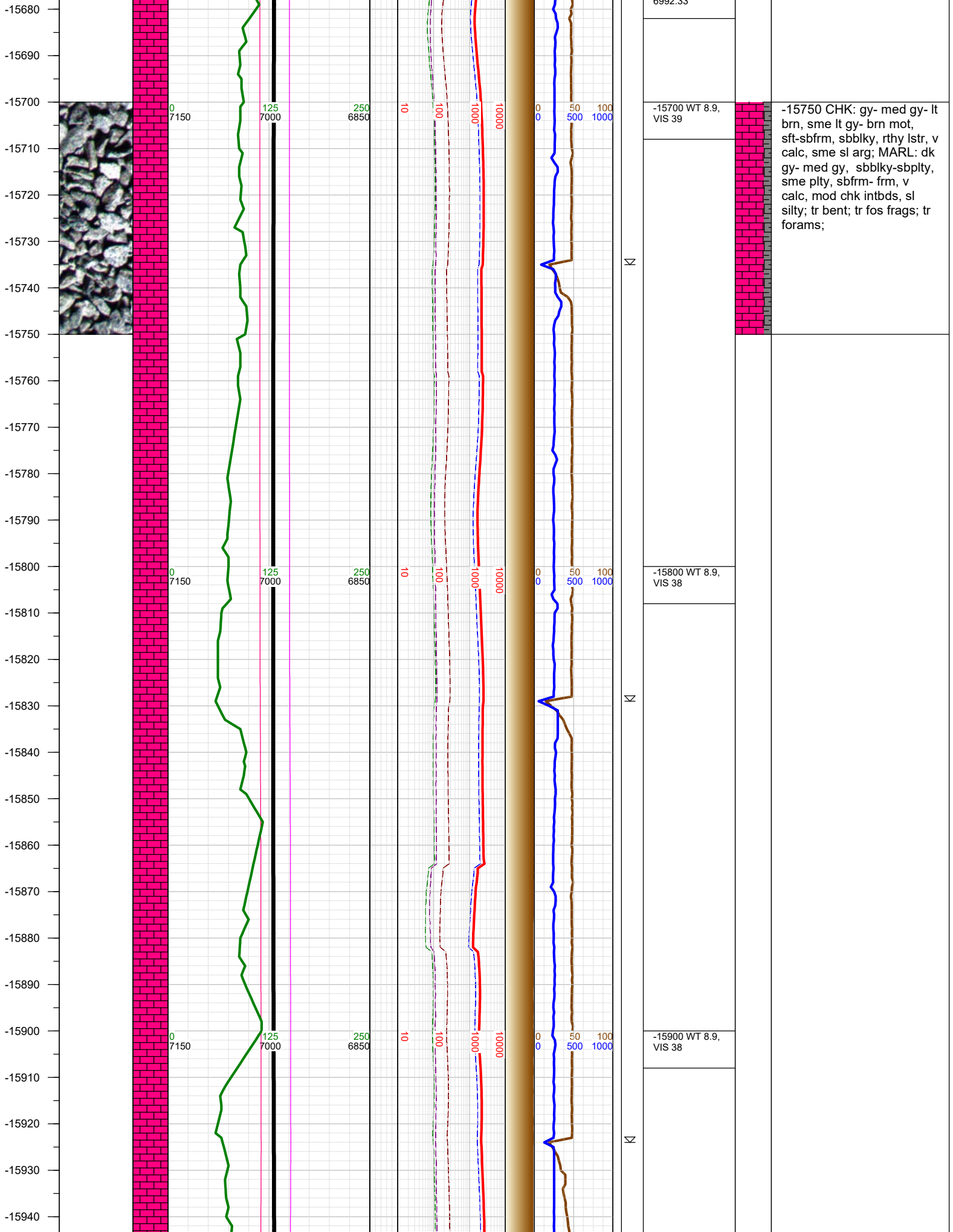


<div>-14633 INC 90.3, AZM 91.83, TVD 6955.12</div>		
<div>-14700 WT 9, VIS 39</div>	<div></div>	<div>-14750 CHK: gy- med gy- lt brn, sme lt gy- brn mot, sft-sbfrm, sbblky, rthy lstr, v calc, sme sl arg; MARL: dk gy- med gy, sbblky-sbplty, sme plty, sbfrm- frm, v calc, mod chk intbds, sl silty; tr-mod bent; occ fos frags; tr forams;</div>
<div>-14727 INC 89.59, AZM 90.17, TVD 6955.21</div>	<div></div>	
<div>-14800 WT 9, VIS 39</div>	<div></div>	









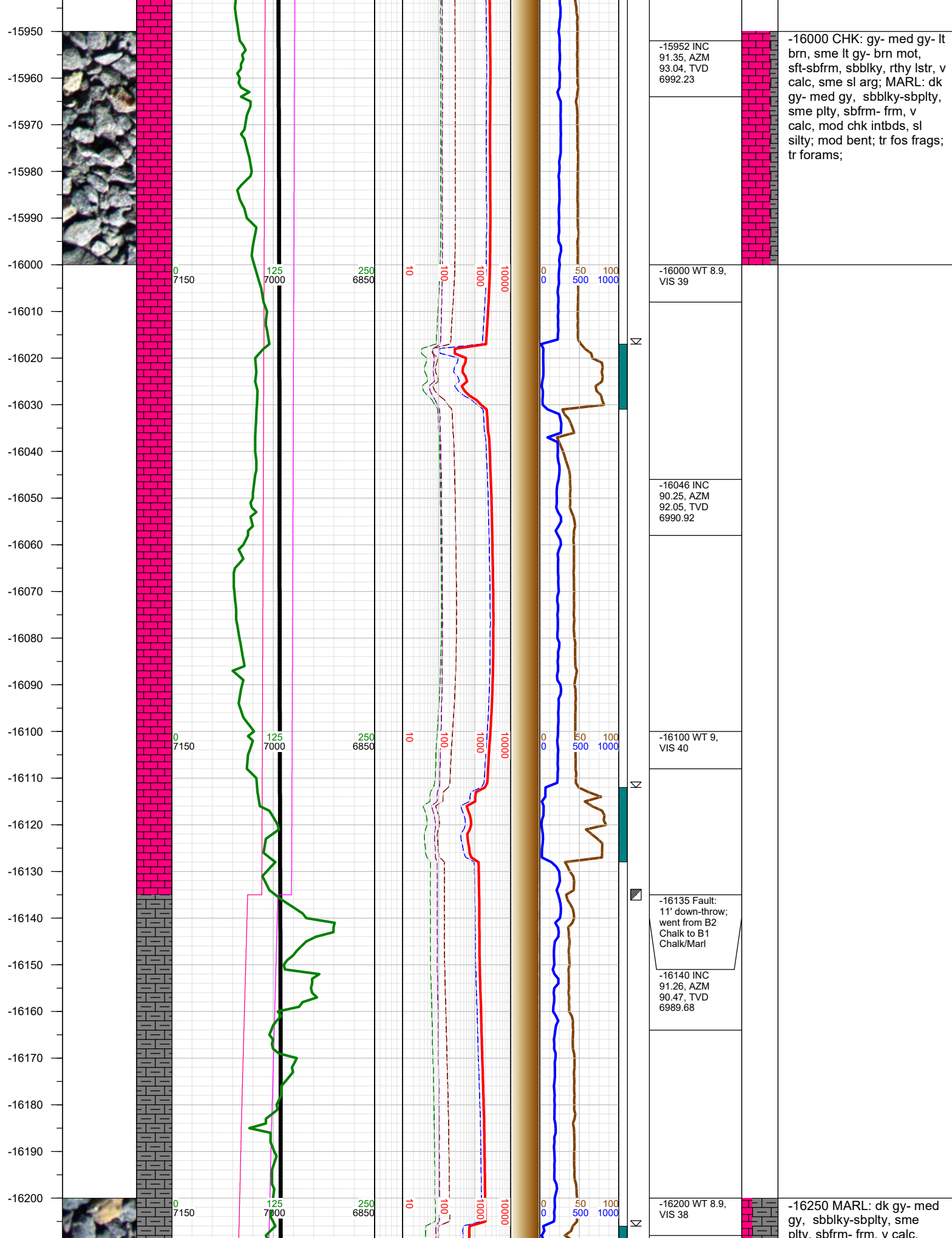
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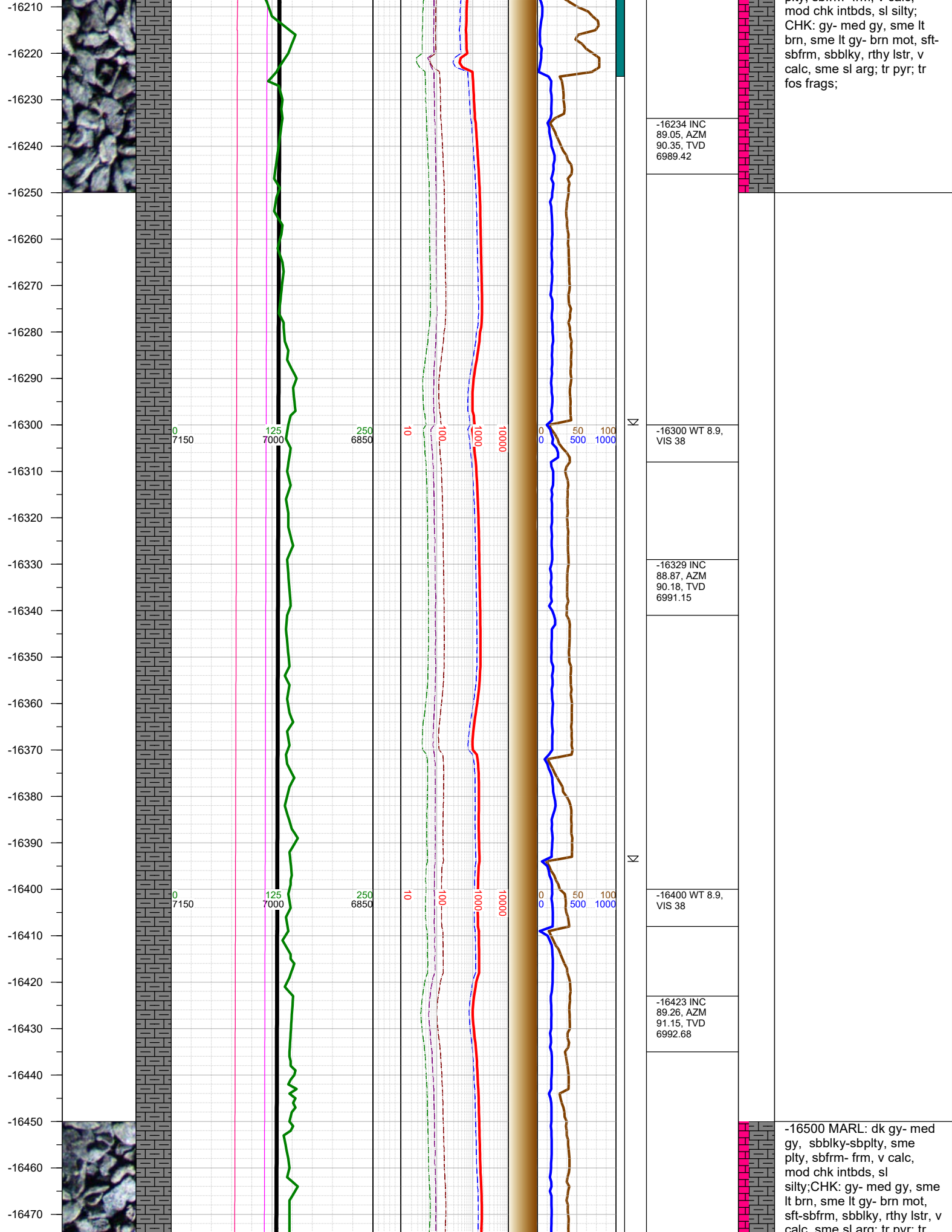
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VIS 39

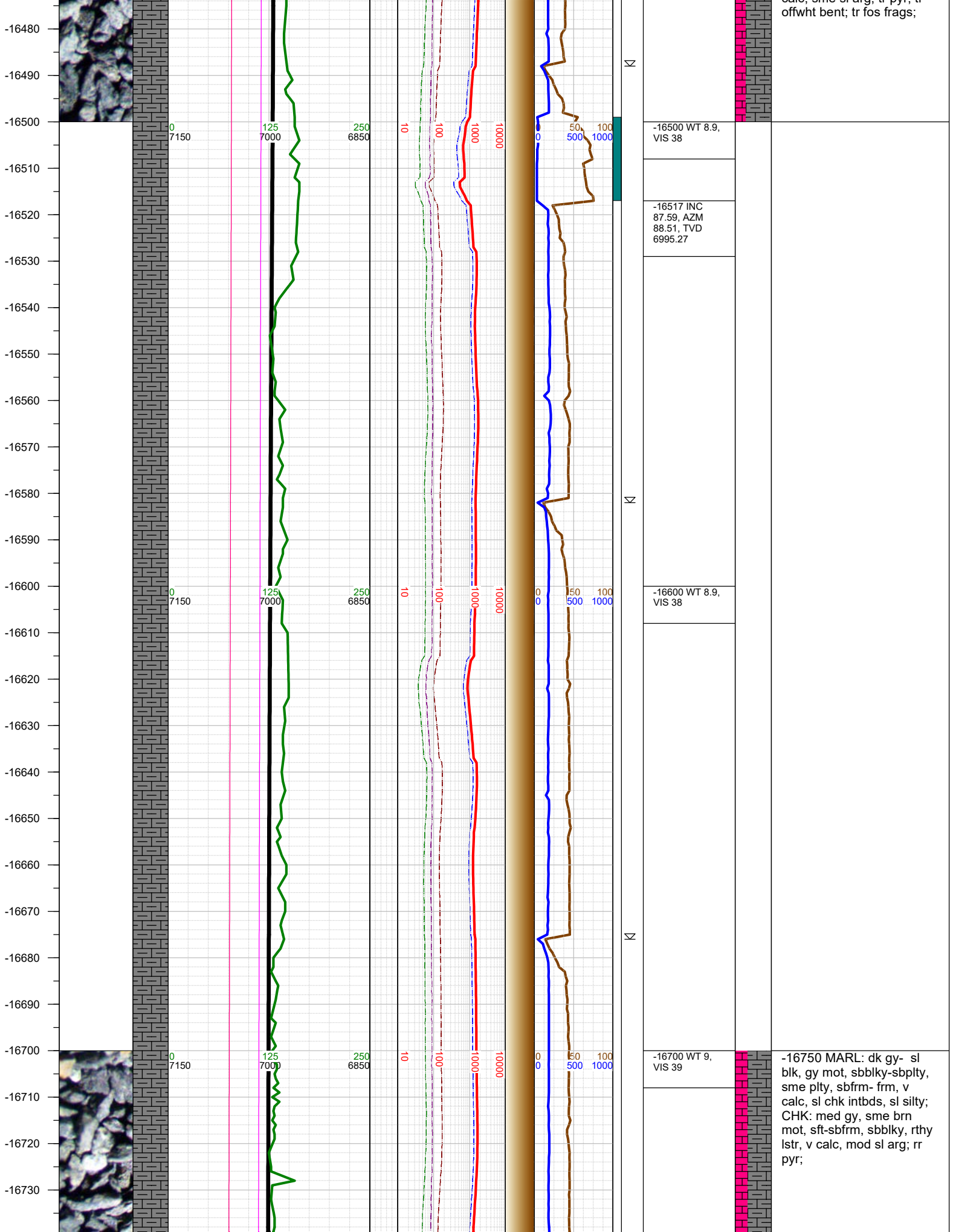
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brn, sme lt gy- brn mot,
sft-sbfrm, sbblky, rthy lstr, v
calc, sme sl arg; MARL: dk
gy- med gy, sbblky-sbplty,
sme plty, sbfrm- frm, v
calc, mod chk intbds, sl
silty; tr bent; tr fos frags; tr
forams;

-15800 WT 8.9,
VIS 38

-15900 WT 8.9,
VIS 38







calc; sme arg; rr pyr; a
offwht bent; tr fos frags;

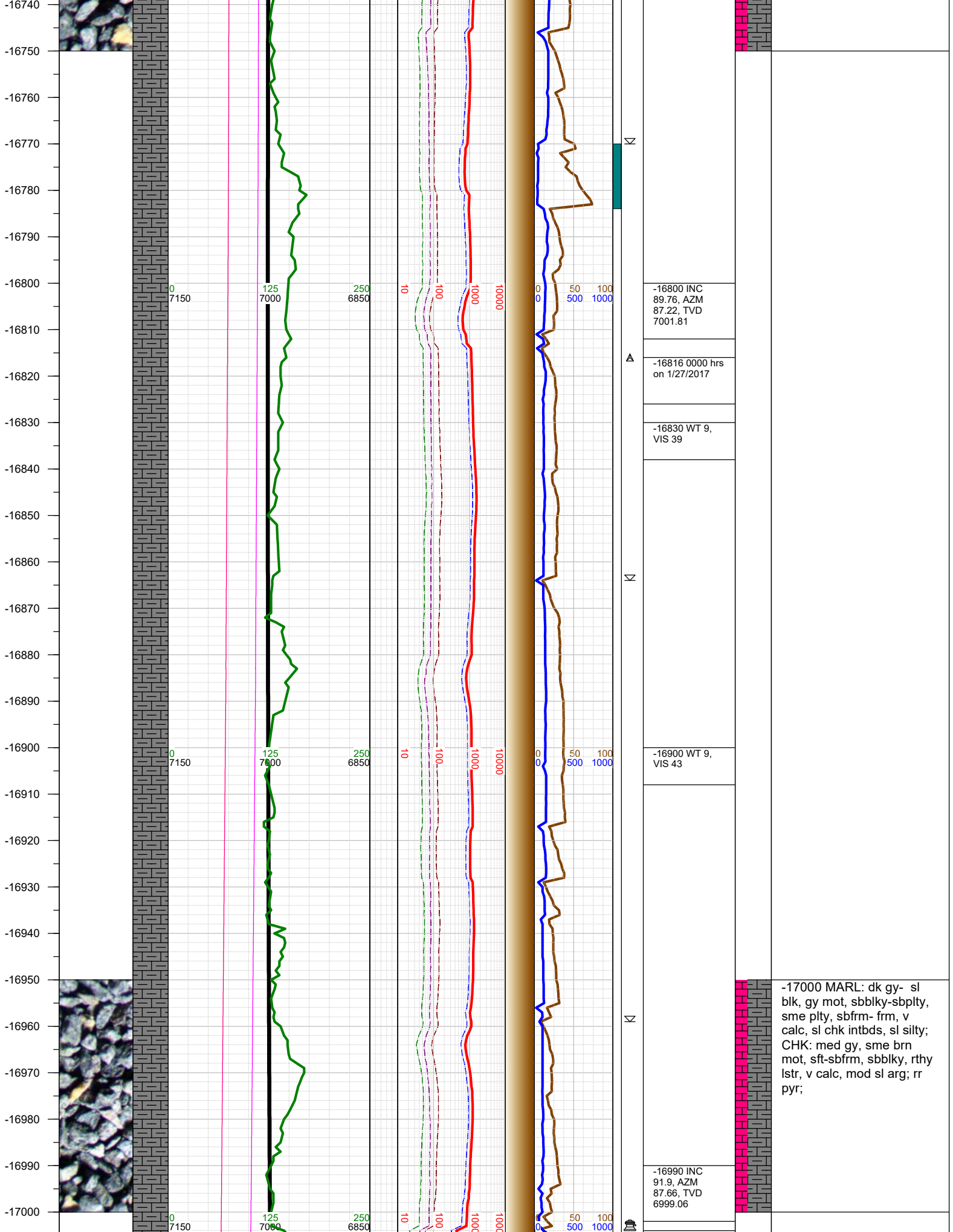
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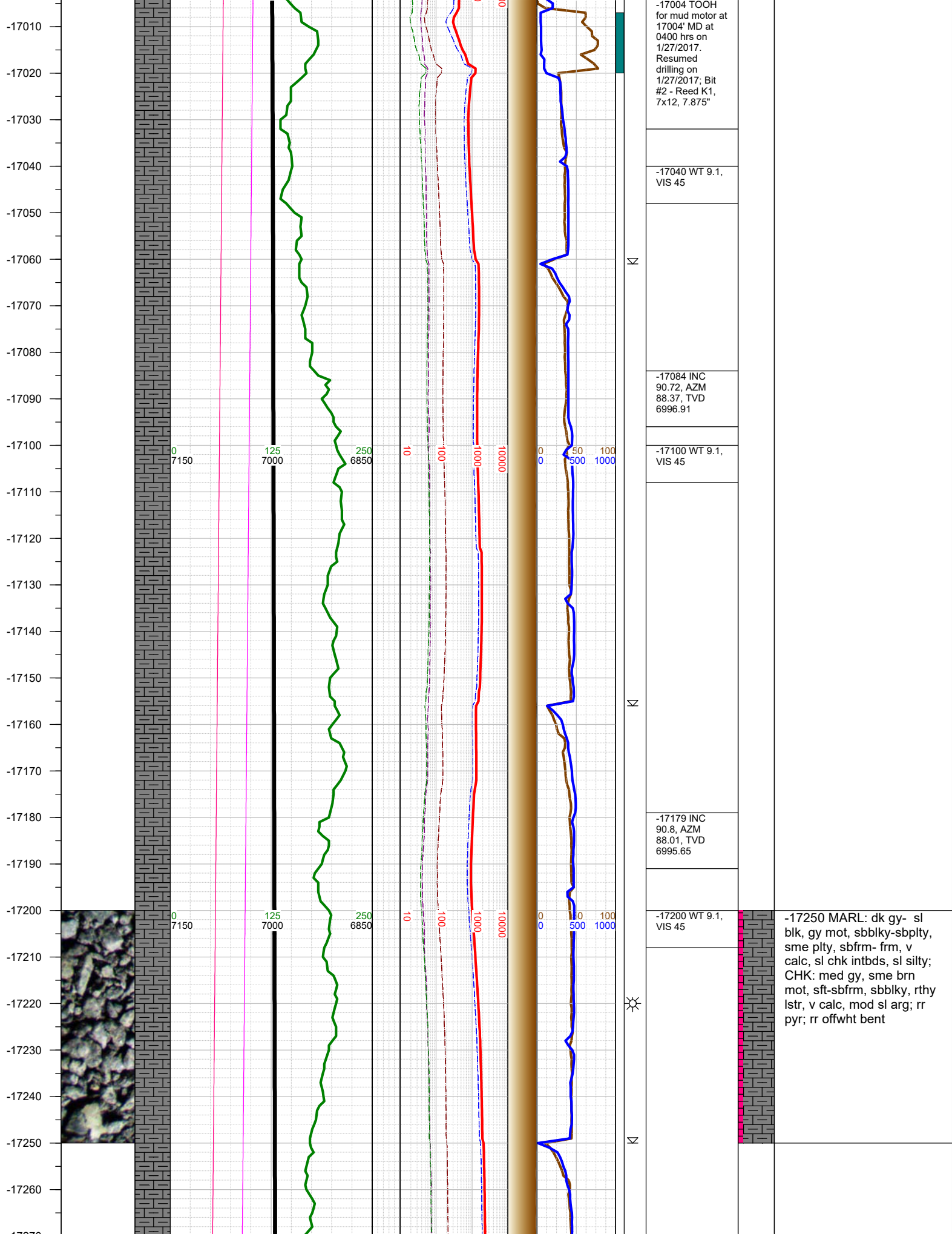
-16517 INC
87.59, AZM
88.51, TVD
6995.27

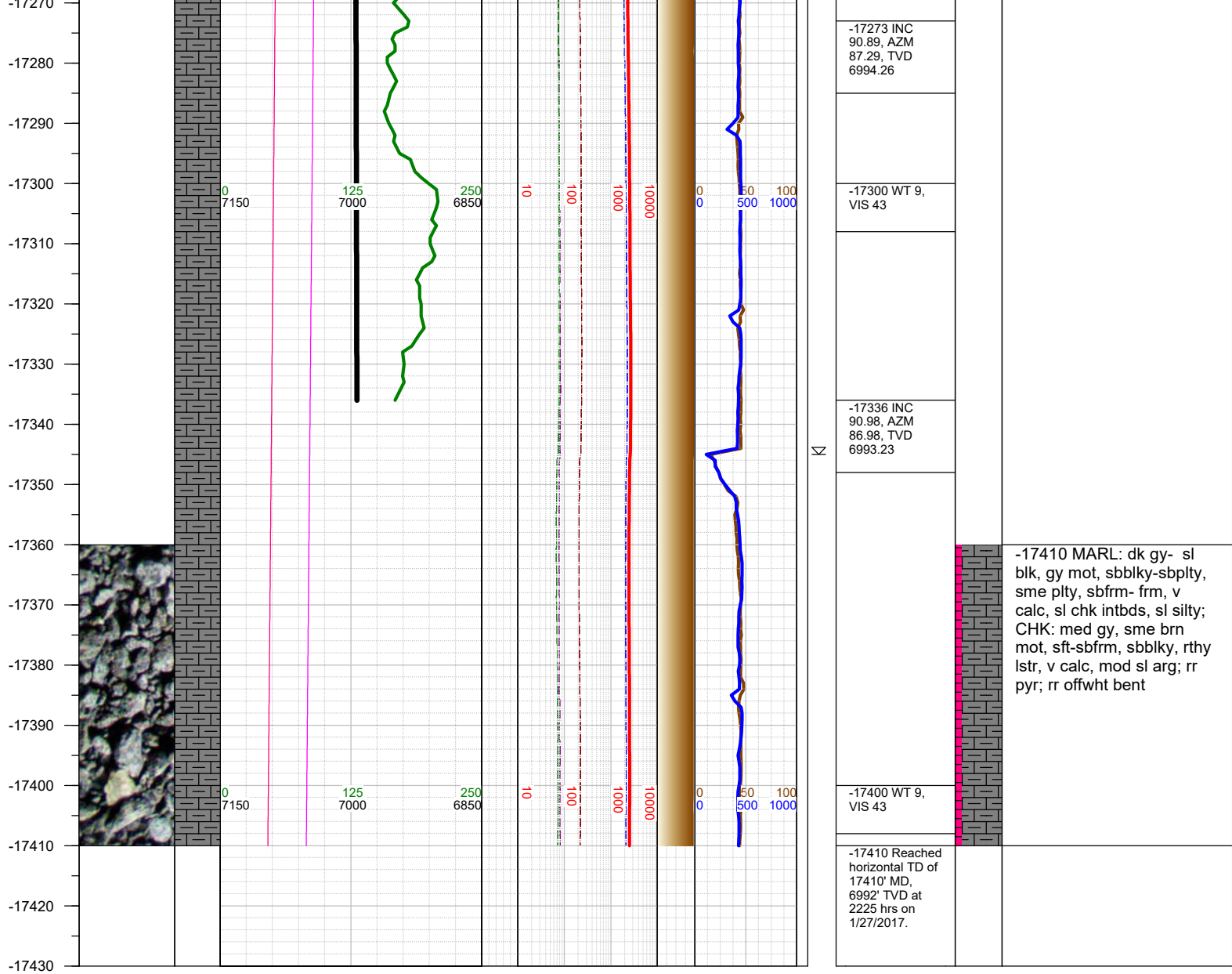
-16600 WT 8.9,
VIS 38

-16700 WT 9,
VIS 39

-16750 MARL: dk gy- sl
blk, gy mot, sbblky-sbplty,
sme plty, sbfrm- frm, v
calc, sl chk intbds, sl silty;
CHK: med gy, sme brn
mot, sft-sbfrm, sbblky, rthy
lstr, v calc, mod sl arg; rr
pyr;







TOTAL DEPTH = 17410'

Thank you for using Earth Science Agency